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74

INTERNATIONAL CATALOGUE OF SCIENTIFIC LITERATURE

EIGHTH ANNUAL ISSUE.

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PALAEONTOLOGY

PUBLISHED FOR THE INTERNATIONAL COUNCIL

BY THE

ROYAL SOCIETY OF LONDON

LONDON:

HARRISON AND SONS, 45, ST. MARTIN'S LANE

France: GAUTHIER-VILLARS, Paris

Germany: R. FRIEDLÄNDER UND SOHN, Berlin

1910 (NOVEMBER)

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DIV. K
1908

[Material received between Sept. 1908 and Dec. 1909.]

The *International Catalogue of Scientific Literature* is in effect a continuation of the Royal Society's *Catalogue of Scientific Papers* which will, when completed, consist of an Author Catalogue and Subject Index covering the period of 1800-1900. Twelve quarto volumes of the Author Catalogue covering the period 1800-1883 have already been published; the volumes for 1884-1900 are in course of preparation. The Subject Index will be issued separately for each of the seventeen sciences dealt with in the International Catalogue of Scientific Literature, and will be arranged in accordance with its Schedules. The volumes for Pure Mathematics and Mechanics are published. The Subject Index for Physics is in preparation.

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INSTRUCTIONS.

The present volume contains (a) Schedules and Indexes in four languages; (b) An Author Catalogue; (c) A Subject Catalogue.

The Schedules have been revised in accordance with the decisions of the International Convention of 1905.

The Subject Catalogue begins with some general sections 0000 to 0220. It is then divided into Palaeozoology and Palaeobotany. Each of these main divisions is sub-divided into three sections. The first section gives the publications arranged according to strata; in the second section the arrangement is according to fossils; while the third section gives a list of new genera and species.

In each section the final arrangement of papers is in the alphabetical order of authors' names.

To find the papers dealing with a particular subject the reader may consult either the Schedule or the Index to the Schedule. The numbers given in the Index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the right-hand top corners of the pages.

In the Author Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of the volume.

The literature indexed is mainly that of 1908, but includes those portions of the literature of 1901-1907 in regard to which the index slips were received by the Central Bureau too late for inclusion in the previous volumes. There are also entries dated 1909.

TOPOGRAPHICAL SYMBOLS.

These symbols are letters printed in *italics*. They are explained in the Topographical Classification. They are not used instead of Registration numbers, but for sub-dividing certain sections.

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International Catalogue of Scientific Literature

SCHEDULE

OF

CLASSIFICATION

(K) PALÆONTOLOGY

(K) PALÆONTOLOGY.

0000 Philosophy.
 0010 History. Biography.
 0020 Periodicals. Reports of Institutions, Societies, Congresses, etc.
 0030 General Treatises, Text Books, Dictionaries, Collected Works, Tables.
 0032 Bibliographies.
 0040 Addresses, Lectures, etc., of a general character.
 0050 Pedagogy.
 0060 Institutions, Museums, Collections.
 0070 Nomenclature.
 0100 Distribution of Life (Animal and Vegetable) in Past Times.
 0150 Zonal Palæontology ; Mutations (Changes of Form in Successive Strata), etc.
 0200 Evolution. (See also L 4300 ; N 0223 ; M 4400.)
 0210 Fossils of Indeterminate Biological Character.
 0220 Fossilisation.
 The numerical symbol to be used for Palæontological books and papers is obtained by a combination of the Geological stratigraphical number (two figures), with a number (four figures) representing the sub-division of the animal or vegetable kingdom to which the fossil forms described belong. Thus a paper on Triassic Cephalopoda will have the symbol K 65.2231, one on Carboniferous ferns will be numbered K 55.6700.

The numbers for Zoological subdivisions are identical with those used in the Zoological schedule. The numbers for Botanical subdivisions are identical with those used in the Botanical schedule.

The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 *ei*.

(K) PALÄONTOLOGIE.

Philosophie.
 Geschichte. Biographien.
 Periodica, Berichte von Instituten, Gesellschaften, Kongressen etc.
 Allgemeine Abhandlungen, Lehrbücher, Wörterbücher, Sammelwerke, Tabellen.
 Bibliographien.
 Festreden, Vorträge u. s. w., allgemeiner Art.
 Pädagogik.
 Institute, Museen, Sammlungen.
 Nomenklatur.
 Verteilung des Lebens (des tierischen und pflanzlichen) in vergangenen Zeiten.
 Zonare Paläontologie ; Mutationen (Formenänderungen in auf einander folgenden Schichten) etc.
 Entwicklung. (Siehe auch L 4300 ; N 0223 ; M 4400.)
 Fossilien unbestimmten biologischen Charakters.
 Versteinerung.

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl welche die Unterabteilung des Tier- oder Pflanzenreiches angibt, zu der die beschriebenen fossilen Formen gehören. So würde eine Abhandlung über triassische Cephalopoden das Symbol erhalten : K 65.2231 ; eine solche über Farne des Carbon würde zu numerieren sein : K 55.6700.

Die Nummern für die zoologischen Unterabteilungen sind identisch mit den im zoologischen Schema benutzten. Die Nummern für die botanischen Unterabteilungen sind identisch mit den im botanischen Schema benutzten.

Wenn nötig, können die alphabetischen Symbole für Topographie hinzugefügt werden. In diesem Falle würde eine Abhandlung über Fische der Kreide aus der asiatischen Türkei das Symbol tragen : K 75.5431 *ei*.

(K) PALÉONTOLOGIE.

0000 Philosophie.
 0010 Histoire. Biographies.
 0020 Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.
 0030 Traité généraux, Manuels, Dictionnaires, Recueils, Tables.
 0032 Bibliographies.
 0040 Discours, Cours, etc., d'un caractère général.
 0050 Enseignement.
 0060 Institutions, Musées, Collections.
 0070 Nomenclature.
 0100 Distribution géographique des animaux et des plantes dans les temps passés.
 0150 Paléontologie stratigraphique : changements de formes dans les couches successives, etc.
 0200 Evolution. (*Voy. aussi* L. 4300
 N 0223 ; M 4400.)
 0210 Fossiles dont le caractère biologique n'est pas déterminé.
 0220 Fossilisation.

Le symbole numérique qui devra être employé pour les livres et mémoires paléontologiques est obtenu par une combinaison du nombre stratigraphique (2 chiffres) avec un nombre (4 chiffres) représentant la subdivision du règne animal ou végétal à laquelle appartient la forme fossile décrite. Ainsi un mémoire sur les Céphalopodes triasiques devra porter l'indice K 65.2231 ; un mémoire sur les Fougères carbonifères portera l'indice K 55.6700.

Les nombres pour les subdivisions zoologiques sont identiques à ceux qui sont employés dans la classification zoologique. Les nombres pour les subdivisions botaniques sont identiques à ceux qui sont employés dans la classification botanique.

Les symboles alphabétiques pour la Topographie peuvent être ajoutés, si c'est nécessaire. Dans ce cas un mémoire sur les Poissons crétacés de la Turquie d'Asie porterait le symbole K 75.5431 *ei*.

(K) PALEONTOLOGIA.

Filosofia.
 Storia. Biografie.
 Periodici. Resoconti di Istituti, Società, Congressi, ecc.
 Trattati generali, Libri di testo, Dizionari, Raccolte, Tavole.
 Bibliografie.
 Discorsi, Letture, ecc., aventi un carattere generale.
 Pedagogia.
 Istituti, Musei, Collezioni.
 Nomenclatura.
 Distribuzione della vita (animale e vegetale) nei passati tempi.

Paleontologia stratigrafica : mutazioni (cambiamenti di forma in strati successivi), ecc.

Evoluzione. (*Vedi anche* L 4300 ; N 0223 ; M 4400.)

Fossili il cui carattere biologico è indeterminato.

Fossilizzazione.

Il simbolo numerico da usarsi per libri e memorie paleontologiche è ottenuto colla combinazione del numero stratigrafico-geologico (due cifre) col numero (quattro cifre) rappresentante la suddivisione del regno animale o vegetale al quale le descritte forme fossili appartengono. Così una memoria sopra Cefalopodi triassici avrà il simbolo K 65.2231 ; una sovra Felci carbonifere sarà numerata K 55.6700.

I numeri per le suddivisioni zoologiche sono identici con quelli usati nella schedula zoologica. I numeri per le suddivisioni botaniche sono identici con quelli usati nella schedula botanica.

I simboli alfabetici per la Topografia possono venir aggiunti, ove necessario. In tal caso una nota sopra Pesci cretacei della Turchia Asiatica porterà il simbolo K 75.5431 *ei*.

				38	39	45	50	
				Fossils of doubtful strati- graphical position.	General	Paleo- zoic General	Lower Paleo- zoic	
0231	Palaeozoologia	...	...	...	38.0231	39.0231	45.0231	50.0231
5231	<i>Vertebrata</i>	...	...	...	38.5231	39.5231	45.5231	50.5231
6031	Mammalia	...	...	...	38.6031	39.6031	45.6031	50.6031
5831	Aves	...	...	...	38.5831	39.5831	45.5831	50.5831
5631	Reptilia et Batrachia	...	...	...	38.5631	39.5631	45.5631	50.5631
5431	Pisces	...	...	...	38.5431	39.5431	45.5431	50.5431
5031	Tunicata, Amphioxus, &c.	...	...	...	38.5031	39.5031	45.5031	50.5031
2431	<i>Astropoda</i> , incl. Insecta	...	...	...	38.2431	39.2431	45.2431	50.2431
3431	Myriopoda	...	...	...	38.3431	39.3431	45.3431	50.3431
3031	Arachnida	...	...	...	38.3031	39.3031	45.3031	50.3031
2831	Xiphosura, Eurypterida, Trilobita, &c.	...	...	...	38.2831	39.2831	45.2831	50.2831
2631	Crustacea	...	...	...	38.2631	39.2631	45.2631	50.2631
2231	<i>Mollusca</i> , incl. Cephalopoda, Gastropoda, Amphineura, Scaphopoda et Lamellibranchiata (Pelecypoda)	...	...	...	38.2231	39.2231	45.2231	50.2231
2031	Brachiopoda, incl. Bryozoa (Polyzoa)	...	...	...	38.2031	39.2031	45.2031	50.2031
1831	Vermes	...	...	...	38.1831	39.1831	45.1831	50.1831
1031	Echinodermata	...	...	...	38.1031	39.1031	45.1031	50.1031
0831	Coelenterata, incl. Graptolithoidea	...	...	...	38.0831	39.0831	45.0831	50.0831
0631	Porifera	...	...	...	38.0631	39.0631	45.0631	50.0631
0431	Protozoa	...	...	...	38.0431	39.0431	45.0431	50.0431
0131	Fossilia affinitatis vel originis incertae	...	...	...	38.0131	39.0131	45.0131	50.0131

Palaeobotanica.

			38	39	45	50		
5000	Palaeobotanica generalis	...	...	...	38.5000	39.5000	45.5000	50.5000
5400	Dicotyledones	...	...	...	38.5400	39.5400	45.5400	50.5400
6000	Monocotyledones	...	...	...	38.6000	39.6000	45.6000	50.6000
6500	Gymnospermeae	...	...	...	38.6500	39.6500	45.6500	50.6500
6600	Cycadophytes (Pteridospermatae)	...	...	...	38.6600	39.6600	45.6600	50.6600
6700	Pteridophyta	...	...	...	38.6700	39.6700	45.6700	50.6700
7000	Musci et Hepaticae	...	...	...	38.7000	39.7000	45.7000	50.7000
7300	Characeae	...	...	...	38.7300	39.7300	45.7300	50.7300
7400	Algae et Schizophyceae	...	...	...	38.7400	39.7400	45.7400	50.7400
7600	Lichenes	...	...	...	38.7600	39.7600	45.7600	50.7600
7700	Fungi, Bacteria, et Mycetozoa	...	...	...	38.7700	39.7700	45.7700	50.7700
7900	Plantae incertae sedis	38.7900	39.7900	45.7900	50.7900

Übersetzung obiger stratigraphischer Überschriften.

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55	60	65	70	75	80	85	90	95
Upper Palaeozoic.	Mesozoic (General).	Triassic.	Jurassic.	Cretaceous.	Cenozoic (Tertiary) (General).	Lower Cenozoic Eocene, Oligocene.	Upper Cenozoic Miocene, Pliocene	Pleisto- cene and Recent.
55.0231	60.0231	65.0231	70.0231	75.0231	80.0231	85.0231	90.0231	95.0231
55.5231	60.5231	65.5231	70.5231	75.5231	80.5231	85.5231	90.5231	95.5231
55.6031	60.6031	65.6031	70.6031	75.6031	80.6031	85.6031	90.6031	95.6031
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International Catalogue of Scientific Literature

TOPOGRAPHICAL CLASSIFICATION

TOPOGRAPHICAL CLASSIFICATION.

[To be used in connexion with Geography, Geology, Botany, Zoology, etc.]

1.—MAIN DIVISIONS.

- a. The Earth as a whole.
- b. Land as a whole.
- c. Ocean as a whole.
- d. Europe and Mediterranean Sea and Islands.
- e. Asia and Malay Archipelago, Celebes and Timor inclusive.
- f. Africa and Madagascar.
- g. North America, including Mexico.
- h. Central and South America, and West Indian Islands.
- i. Australia, Tasmania and New Zealand, with New Guinea, Gilolo, and Moluccas to west, and including the Solomon Islands, New Hebrides, and New Caledonia to east.
- k. Arctic: Greenland and the area north of the Arctic Circle, or of the coasts of Continental America, Asia, and Europe, whichever is farther north.
- l. Atlantic and Islands from Arctic Circle to Lat. 45° S.—the southern portion bounded on the east by the meridian 20° E. of Greenwich, south of the coast of Africa; and on the west by the coast of South America.
- m. Indian Ocean and Islands limited on the south by Lat. 45° S.; on the west by the meridian 20° E. of Greenwich; on the east by the coast of Australia and the meridian 147° E. of Greenwich.
- n. Pacific and Islands from the Arctic Circle to Lat. 45° S.; and between meridian 147° E. of Greenwich and the coast of South America.
- o. Antarctic: the area south of 45° S. except the Falkland Islands and the southern parts of South America and New Zealand. (See m.b.)

TOPOGRAPHISCHE KLASSIFICATION.

[In Verbindung mit Geographie, Geologie, Botanik, Zoologie etc. zu benutzen.]

1.—HAUPT-ABSCHNITTE.

Die Erde als Ganzes.

Das Festland als Ganzes.

Der Ocean als Ganzes.

Europa und das Mittelländische Meer mit seinen Inseln.

Asien und der Malayische Archipel, einschliesslich Celebes und Timor. Afrika und Madagaskar.

Nord-Amerika, einschliesslich Mexiko.

Central- und Süd-Amerika, West-indische Inseln.

Australien, Tasmanien und Neu-Seeland, mit Neu-Guinea, Gilolo und Molukken nach Westen, und mit Salomo-Inseln, Neuen Hebriden und Neu-Caledonien nach Osten.

Arktisches Gebiet: Grönland und der nördlich des Polarkreises oder der Küsten von Amerika, Asien und Europa gelegene Raum, je nachdem das Eine oder das Andere weiter nach Norden liegt.

Atlantisches Gebiet mit seinen Inseln vom Polarkreis bis 45° S. Br.; der südliche Theil wird südlich von Afrika nach Osten durch den Meridian 20° O. [v. Gr.] begrenzt und reicht im Westen bis zur Küste von Süd Amerika.

Der Indische Ocean mit seinen Inseln reicht im Süden bis 45° S. Br.; im Westen bis 20° O.L.; im Osten bis zur Küste von Australien und dem Meridian 147° O.L.

Pacificisches Gebiet mit seinen Inseln, vom Nordpolarkreis bis 45° S. Br., im südlichen Theil begrenzt durch den Meridian 147° O. L. nach Westen, und die Küste von Süd-Amerika nach Osten.

Antarktisches Gebiet, umfasst end das Gebiet südlich von 45° S. Br., mit Ausschluss der Falklands-Inseln, der südlichen Teile von Süd-Amerika und Neu-Seelands. (Siehe m.b.)

CLASSIFICATION TOPO-GRAPHIQUE.

[Cette classification sera appliquée à la géographie, à la géologie, à la botanique, à la zoologie, etc.]

1.—GRANDES DIVISIONS.

- a. Données d'ensemble relatives au globe terrestre.
- b. Données d'ensemble relatives aux continents.
- c. Données d'ensemble relatives aux océans.
- d. Europe avec la Mer méditerranéenne et ses îles.
- e. Asie et Archipel Malais, Célèbes et Timor inclus.
- f. Afrique et Madagascar.
- g. Amérique du Nord, le Mexique inclus.
- h. Amérique centrale et méridionale avec les Antilles.
- i. Australie, Tasmanie et Nouvelle Zélande avec la Nouvelle Guinée, Gilolo et les Moluques à l'ouest, les îles Salomon, les Nouvelles Hébrides et la Nouvelle Calédonie à l'est.
- k. Régions arctiques : Grønland et la zone au nord, soit du cercle polaire, soit des côtes américaines, asiatiques et européennes.
- l. Atlantique avec les îles comprises entre le cercle polaire arctique et le 45° de lat. S. Partie sud de l'Atlantique limitée à l'est par le méridien 20° E. (Greenwich), au sud de l'Afrique ; et à l'ouest par la côte de l'Amérique du sud.
- m. Océan Indien avec les îles situées dans l'espace limité dans le sud par le 45° de lat. S. ; à l'ouest par le méridien 20° E. (Greenwich) ; à l'est par la côte australienne et le méridien 147° E. (Greenwich).
- n. Le Pacifique avec les îles comprises, en latitude, du cercle polaire arctique au 45° de alt. S. ; en longitude, du méridien 147° E. (Greenwich) à la côte de l'Amérique du sud.
- o. Régions antarctiques : depuis le 45° de lat. S., moins les Falkland, la pointe sud de l'Amérique méridionale et la Nouvelle Zélande. (Voy. mb.)

CLASSIFICAZIONE TOPO-GRAFICA.

[Da usarsi in rapporto con la Geografia, Geologia, Botanica, Zoologia ecc.]

1.—DIVISIONI PRINCIPALI.

La Terra nel suo complesso.

Le terre emerse.

L'oceano nel suo complesso.

Europa e mare Mediterraneo con le sue isole.

Asia e Arcipelago Malese, compreso Celebes e Timor.

Africa e Madagascar.

América settentrionale, compreso il Messico.

América Centrale e Meridionale, e Indie Occidentali.

Australia, Tasmania e Nuova Zelanda colla Nuova Guinea, Gilolo e Molucche verso Ponente, le Salomone, le Nuove Ebridi e la Nuova Caledonia verso Levante.

Regione Artica : Groenlandia e l'area a Nord del Circolo Polare, ovvero a Nord delle coste dell'America continentale, dell'Asia e dell'Europa.

L'Atlantico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S. ; limitato nella sua parte meridionale, oltre la costa Africana, dal 20° E. da Greenwich ad Est, e dalla costa dell'America meridionale ad Ovest.

L'Oceano Indiano e le sue Isole, limitato a sud dal 45° di Lat. S. a Ponente dal meridiano 20° E. da Greenwich, a Levante dalla costa dell'Australia e dal 147° E. da Greenwich.

Il Pacifico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., e tra il 147° meridiano E. da Greenwich e le coste dell' America meridionale.

Regione Antartica : cioè l'area meridionale limitata dal 45° S., eccetto le Isole Falkland e le parti meridionali dell' America del Sud e della Nuova Zelanda. (Vedi mb.)

N.B.—As a general rule, Islands more than 100 miles from the continent to be classed as Oceanic, unless specially excepted.

N.B.—Allgemeine Regel : Inseln, die mehr als 100 englische Meilen (160 Kilometer) vom Festland entfernt sind, sind, falls nicht besonders ausgenommen, als oceanisch zu klassifiziren.

2.—SUB-DIVISIONS.

- d.* EUROPE AND MEDITERRANEAN SEA AND ISLANDS.
- da.* Scandinavia : Sweden, Norway, Denmark ; Iceland, Faeroes.
- db.* Russian Empire and Russia in Europe (including Caucasus).
- dba.* Northern Russia.
- dbb.* Southern Russia.
- dbc.* Central Russia.
- dbd.* Caucasus.
- dbe.* Ural.
- dc.* German Empire.
- dd.* Holland ; Belgium ; Luxemburg.
- de.* British Islands.
- df.* France and Corsica.
- dg.* Iberian Peninsula (including Pyrenees) : Spain (with the Balearic Islands) ; Portugal.
- dh.* Italy. Sicily (with Lipari Islands and Pantellaria). Sardinia.
- di.* Switzerland.
- iii.* Alps.
- dk.* Austria-Hungary (Bosnia and Herzegovina included).
- dl.* Balkan Peninsula (Turkey in Europe, Roumania, Bulgaria, Servia, Montenegro and Greece).
- dm.* Mediterranean and Islands (Crete, Cyprus and Malta).
- dn.* Black Sea and Sea of Azov.
- do.* Baltic and Islands.
- dp.* North Sea.
- dq.* English Channel, including Channel Islands.
- e.* ASIA AND MALAY ARCHIPELAGO.
- ea.* Asiatic Russia.
- eaa.* West Siberia.
- eab.* East Siberia.
- eac.* Central Asiatic Russia.
- eb.* China and Dependencies : Mongolia, Tibet, etc. Corea.
- ec.* Japanese Islands ; Formosa.
- ed.* French Indo-China : Tonquin, Annam, etc.

2.—UNTERABTEILUNGEN.

EUROPA UND DAS MITTELLÄNDISCHE MEER MIT SEINEN INSELN.

- Skandinavien : Schweden, Norwegen, Dänemark ; Island, Faröer
- Das russische Reich und das Europäische Russland (einschl. Kaukasus).
- Nordrussland.
- Südrussland.
- Centralrussland.
- Kaukasus.
- Ural.
- Das Deutsche Reich.
- Holland ; Belgien ; Luxemburg.
- Die Britischen Inseln.
- Frankreich und Corsica.
- Iberische Halbinsel (einschl. Pyrenäen) : Spanien (mit den balearenischen Inseln) ; Portugal.
- Italien. Sicilien (mit den liparischen Inseln und Pantellaria). Sardinien.
- Die Schweiz.
- Die Alpen.
- Oesterreich-Ungarn (einschliesslich Bosnien und Herzegowina).
- Die Balkan - Halbinsel (Europäische Türkei, Rumänien, Bulgarien, Serbien, Montenegro, Griechenland).
- Das Mittelländische Meer mit seinen Inseln (Creta, Cypern und Malta).
- Schwarzes Meer und Asowsches Meer.
- Die Ostsee mit ihren Inseln.
- Die Nordsee.
- Englischer Kanal, einschl. Kanalinseln.

ASIEN UND DER MALAYISCHE ARCHIPEL.

- Asiatisches Russland.
- Westsibirien.
- Ostsibirien.
- Russisches Centralasien.
- China und zugehörige Länder : Mongolien, Tibet etc. Corea.
- Japanische Inseln ; Formosa.
- Französisches Indo-China : Tonking, Annam etc.

N.B.—En général les îles qui se trouvent à plus de 160 kilomètres du continent sont classées comme îles océaniennes, à moins que le contraire ne soit stipulé spécialement.

2.—SUBDIVISIONS.

d. EUROPE AVEC LA MÉDITERRANÉENNE ET SES îLES.

- da. Scandinavie : Suède, Norvège, Danemark ; Islande, îles Féroë.
- db. Empire russe et Russie d'Europe avec le Caucase.
- dba. Russie Septentrionale.
- dbb. Russie Méridionale.
- dbc. Russie Centrale.
- dbd. Caucase.
- dbe. Région des Monts Oural.
- dc. Empire Germanique.
- dd. Hollande ; Belgique ; Luxembourg.
- de. Iles Britanniques.
- df. France et Corse.
- dg. Péninsule ibérique (avec les Pyrénées) : Espagne (et Baléares) ; Portugal.
- dh. Italie. Sicile avec les îles Lipari et Pantellaria. Sardaigne.
- di. Suisse.
- di. Alpes.
- dk. Autriche-Hongrie (avec Bosnie et Herzégovine).
- dl. Péninsule Balkanique (Turquie d'Europe, Roumanie, Bulgarie, Serbie, Monténégro et Grèce).
- dm. Méditerranée avec ses îles (Crète, Chypre et Malte).
- dn. Mer Noire et Mer d'Azov.
- do. La Baltique et ses îles.
- dp. Mer du Nord.
- dq. La Manche et ses îles.

e. ASIE ET ARCHIPEL MALAIS.

- ea. Asie russe.
- caa. Sibérie Occidentale.
- eab. Sibérie Orientale.
- eac. Asie centrale russe.
- eb. Chine et ses dépendances : Mongolie, Tibet, etc. Corée.
- ec. Archipel du Japon ; Formose.
- ed. Indo-Chine Française : Tonkin, Annam, etc.

N.B.—Come regola generale, le isole lontane più di 100 miglia inglese (160 chilometri) dal continente devono essere classificate come oceaniche, salvo speciali eccezioni.

2.—SUDDIVISIONI.

EUROPA, MARE MEDITERRANEO E LE SUE ISOLE.

- Scandinavia : Svezia, Norvegia, Danimarca ; Islanda, Fär Öer. Impero Russo e Russia Europea compreso il Caucaso.
- Russia Settentrionale.
- Russia Meridionale.
- Russia Centrale.
- Caucaso.
- Urali.
- Impero Germanico.
- Olanda ; Belgio ; Lussemburgo.
- Isole Britanniche.
- Francia e Corsica.
- Penisola iberica (compresi i Pirenei) : Spagna (e isole Baleari) ; Portogallo.
- Italia : Sicilia (colle isole Lipari e Pantellaria) e Sardegna.

- Svizzera.
- Alpi.
- Austria-Ungheria (comprese Bosnia ed Erzegovina).
- Penisola Balcanica (Turchia Europea, Rumania, Bulgaria, Serbia, Montenegro e Grecia).
- Mediterraneo e Isole (Creta, Cipro e Malta).
- Mar Nero e Mare di Azof.
- Il Baltico e le sue isole.
- Mare del Nord.
- La Manica e le isole della Manica.

ASIA E ARCIPELAGO MALESE.

- Russia Asiatica.
- Siberia Occidentale.
- Siberia Orientale.
- Russia Asiatica Centrale.
- Cina e dipendenze : Mongolia, Tibet, etc. Corea.
- Arcipelago del Giappone. Formosa.
- Indo-Cina Francese : Tonchino, Annam, etc.

- ee. Siam.
- ef. British India : Himalaya ; Burma ; Ceylon.
- eg. Malay Peninsula from Isthmus of Kra ; Malay Archipelago, including Halmahera (Gilolo) Ceram, Kei Islands, Timorlaut and Timor ; the Philippines and China Sea.
- eh. Persia ; Afghanistan ; Baluchistan ; Pamirs.
- ei. Asiatic Turkey ; Arabia.
- ek. Caspian ; Sea of Aral (Aralo-Caspian depression).
- el. Persian Gulf.

f. AFRICA AND MADAGASCAR.

- fa. Mediterranean States : Morocco, Algiers, Tunis, Tripoli.
- fb. N.E. Africa ; Egypt and Nile Valley to Lat. 5° N. ; Egyptian Sudan ; Abyssinia ; Eritrea ; Somaliland (British, French, Italian) ; Socotra. Nile River System as a whole.
- fc. Sahara and the Central Sudan ; Wadai, etc.
- fd. West Africa, from Marocco to the Congo, including French Sudan and Upper Niger Region, but excluding Western Sahara.
- fe. Congo State and Angola. Congo River System as a whole.
- ff. East Africa ; British (with Uganda) ; German ; Portuguese (north of the Zambezi) ; British Central Africa ; Lake Region. Works relating to Portuguese East Africa as a whole should be indexed under this section only.
- fg. South Africa—South of Angola and the Zambezi.
- fh. Madagascar and Comoro Group.
- fi. Red Sea and Islands.

g. NORTH AMERICA.

- ga. Alaska and Aleutian Islands.
- gb. Canada as a whole.
- gc. Canadian Dominion West : Yukon, British Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.
- gd. Canadian Dominion East ; Newfoundland.
- ge. The Laurentian Lakes.
- gf. United States as a whole.

- Siam.
- Britisch - Indien, einschliesslich Himalaya, Burma, Ceylon.
- Malaysische Halbinsel südlich vom Isthmus von Kra, und Malayischer Archipel einschliesslich Halmahera (Gilolo), Ceram, Kei Inseln, Timorlaut und Timor ; Philippinen ; Chinesisches Südmeer.
- Persien ; Afghanistan ; Belutschistan ; Pamir.
- Asiatische Türkei ; Arabien.
- Das Kaspische Meer ; der Aral-See (Aralo-Kaspische Depression).
- Der Persische Golf.

AFRIKA UND MADAGASKAR.

- Die Mittelmeer-Staaten : Marokko, Algier, Tunis, Tripolis.
- Nordost-Afrika : Egypten und Nilthal bis 5° N. Br. ; Egyptian Sudan ; Abyssinien ; Eriträa ; Somaliland (britisch, französisch, italienisch) ; Sokotra. Flussystem des Nils als Ganzes.
- Die Sahara und der Central-Sudan ; Wadai etc.
- West-Afrika, von Marokko bis zum Kongo, einschl. des französischen Sudans und der oberen Nigerregion, aber ohne die westliche Sahara.
- Kongo-Staat und Angola. Flussystem des Kongo als Ganzes.
- Ostafrika ; britisch (mit Uganda) ; deutsch ; portugiesisch (nördlich des Sambesi) ; britisch Centralafrika ; Seenregion. Arbeiten, die sich auf portugiesisch Ostafrika als Ganzes beziehen, sind nur in diese Abteilung aufzunehmen.

Süd-Afrika, südlich von Angola und dem Sambesi.

Madagaskar und Komoren.
Das Rothe Meer mit seinen Inseln.

NORD-AMERIKA.

- Alaska und Aleutische Inseln.
- Canada als Ganzes.
- West-Canadisches Gebiet : Yukon, Britisch-Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.
- Ost-Canadisches Gebiet ; Newfoundland.
- Gebiet der Laurentischen Seen.
- Vereinigte Staaten als Ganzes.

ee. Siam.

ef. Indes Britanniques : Himalaya ; la Birmanie ; Ceylan.

eg. La Péninsule Malaise depuis l'isthme de Kra ; l'Archipel Malais, y compris Halmahera (Gilio) Ceram, îles de Kei, Timorlaut et Timor ; les Philippines et la Mer de Chine.

eh. Perse ; Afghanistan ; Bélouchistan ; les Pamirs.

ei. Turquie d'Asie ; Arabie.

ek. Mer Caspienne ; Mer d'Aral (dépression Aralo-Caspienne).

el. Golfe persique.

f. AFRIQUE ET MADAGASCAR.

fa. Pays méditerranéens : Maroc, Algérie, Tunisie, Tripoli.

fb. N.E. africain ; Egypte et la vallée du Nil jusqu'au 5° de lat. N. ; Soudan égyptien ; Abyssinie ; Erythrée ; Somaliland (britannique, français, italien) ; Socotra. Réseau hydrographique du Nil dans son entier.

fc. Le Sahara et le Soudan central ; Wadai, etc.

fd. Ouest africain, du Maroc au Congo, le Soudan français et la région supérieure du Niger inclus, mais sans le Sahara de l'ouest.

fe. État du Congo et Angola. Réseau hydrographique du Congo dans son entier.

ff. Est africain ; britannique (avec Uganda) ; allemand ; portugais (au nord du Zambèze) ; Afrique centrale britannique ; Région lacustre. Les ouvrages se rapportant à L'Est africain portugais dans son entier doivent être inscrits dans cette rubrique seulement.

fg. Sud africain—Au sud d'Angola et du Zambèze.

fh. Madagascar et groupe des Comores. La Mer Rouge et ses îles.

g. AMÉRIQUE DU NORD.

ga. Alaska et îles Aléoutines.

gb. Le Canada dans son entier.

gc. Puissance du Canada de l'ouest (Yukon, Colombie britannique, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).

gd. Puissance du Canada de l'est ; Terre neuve.

ge. Région des grands lacs laurentiens.

gf. États-Unis dans leur entier.

Siam.

India Britannica : Himalaya ; Birmanie ; Ceylan.

Penisola Malese dall'Istmo di Kra ; Arcipelago Malese, comprendendovi Halmahera (Gilio), Ceram, isole di Kei, Timorlaut e Timor ; le Filippine e il Mar della Cina.

Persia ; Afghanistan ; Belucistan ; Pamir.

Turchia Asiatica ; Arabia.

Il Caspio ; mare Aral (depressione Caspio-Arale).

Golfo Persico.

AFRICA E MADAGASCAR.

Stati mediterranei : Marocco, Algeria, Tunisia, Tripolitania.

Africa del N.E. ; Egitto e Valle del Nilo fino al 5° di Lat. N. ; Sudan Egiziano ; Abissinia ; Eritrea ; Somalia (Britannica, Francese, Italiana) ; Socotra. Rete idrografica del Nilo in complesso.

Sahara e Sudan centrale ; Wadai, ecc.

Africa occidentale dal Marocco al Congo, comprendendovi il Sudan francoese e la regione superiore del Niger, ma senza il Sahara occidentale.

Stato del Congo e Angola. Rete idrografica del Congo in complesso.

Africa orientale ; britannica (con Uganda) ; tedesca ; portoghese (a nord dello Zambesi) ; Africa centrale britannica ; Regione dei laghi. I lavori riferentisi alla Africa orientale portoghese in complesso si devono catalogare in questa rubrica soltanto.

Africa australe a sud di Angola e dello Zambesi.

Madagascar e Gruppo delle Comore. Il Mar Rosso e le sue isole.

AMERICA SETTENTRIONALE.

Alaska ed isole Aleutine.

Il Canada in generale.

Dominio del Canada occidentale (Yukon, Columbia Britannica, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).

Dominio del Canada orientale ; Terranova.

I Laghi Laurentiani.

Gli Stati Uniti in generale.

gg. North Eastern United States, East of Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).

gh. South Eastern United States, East of Mississippi.

gi. Western United States, West of Mississippi.

gk. Mississippi River System as a whole.

gl. Mexico.

h. CENTRAL AND SOUTH AMERICA AND WEST INDIES.

hb. Central America ; Guatemala ; Honduras ; British Honduras ; Salvador ; Nicaragua ; Costa Rica ; Panama.

hc. West Indian Islands ; Caribbean Sea ; Gulf of Mexico.

hd. Guiana : British, Dutch, and French ; Venezuela ; Trinidad ; Curaçao.

he. Colombia ; Ecuador.

hf. Peru.

hg. Bolivia.

hh. Brazil and Amazon River System as a whole.

hi. Argentina with Patagonia as a whole ; Uruguay and Paraguay.

hk. Chili.

hl. Tierra del Fuego and neighbouring islands ; Falkland Islands.

hm. The Andes.

i. AUSTRALASIA.

ia. New Guinea with Waigoe, Misool and Aroo Islands.

ib. Bismarck Archipelago (New Britain, etc., to Solomon Islands inclusive).

ic. Australia as a whole.

id. Queensland.

ie. New South Wales with Norfolk and Lord Howe Islands.

if. Victoria.

ig. South Australia.

ih. Western Australia.

ii. Tasmania.

ik. New Zealand and neighbouring Islands (Kermadec, Auckland, Chatham, Macquario Islands, etc.).

il. New Caledonia, New Hebrides, and Loyalty Islands.

Nordosten der Vereinigten Staaten, östlich vom Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).

Südosten der Vereinigten Staaten, östlich vom Mississippi.

Westen der Vereinigten Staaten, westlich vom Mississippi.

Flusssystem des Mississippi als Ganzes.

Mexiko.

CENTRAL-AMERIKA, SÜD-AMERIKA, WEST-INDIEN.

Central-Amerika : Guatemala, Honduras ; Britisch-Honduras ; Salvador ; Nicaragua ; Costa Rica ; Panama.

Westindische Inseln ; Caraibisches Meer ; Golf von Mexiko.

Guyana : Britisch, Niederländisch und Französisch ; Venezuela ; Trinidad ; Kurassao.

Columbia ; Ecuador.

Peru.

Bolivia.

Brasilien und Flusssystem des Amazonas als Ganzes.

Argentinien mit Patagonien als Ganzes ; Uruguay und Paraguay.

Chile.

Feuerland und benachbarte Inseln ; Falkland Inseln.

Die Anden.

AUSTRALASIEN.

Neu-Guinea, mit Waigoe, Misool und Aroo-Inseln.

Bismarck-Archipel (Neu-Pommern etc. bis Salomo-Inseln).

Australien als Ganzes.

Queensland.

Neu-Süd-Wales mit Norfolk- und Lord Howe-Inseln.

Victoria.

Süd-Australien.

West-Australien.

Tasmanien.

Neu-Seeland und benachbarte Inseln (Kermadec, Auckland-, Chatham-, Macquario-Inseln etc.).

Neu-Caledonien, Neue Hebriden und Loyalitäts-Inseln.

gg. Etats-Unis du Nord-Est, à l'est du Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvanie, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).

gh. États-Unis du sud-est, à l'est du Mississippi.

gi. Etats-Unis de l'ouest, à l'ouest du Mississippi.

gk. Réseau hydrographique du Mississippi dans son entier.

gl. Mexique.

h. AMÉRIQUE CENTRALE ET MÉRIDIONALE ; INDÉS OCCIDENTALES.

hb. Amérique centrale : Guatemala ; Honduras ; Honduras britannique ; Salvador ; Nicaragua ; Costa Rica ; Panama.

hc. Antilles : Mer Caraïbe ; Golfe du Mexique.

hd. Guyanes britannique, hollandaise, et française ; Vénézuela ; île de Trinité ; Curaçao.

he. Colombie : Ecuateur.

hf. Pérou.

hg. Bolivie.

hh. Brésil et réseau hydrographique de l'Amazone dans son entier.

hi. République Argentine avec la Patagonie en entier ; Uruguay et Paraguay.

hk. Chili.

hl. Terre de feu et îles voisines ; les Falkland (Malouines).

hm. Les Andes.

i. AUSTRALIE.

ia. Nouvelle Guinée avec les îles Waigoe, Misool et Aroo.

ib. Archipel de Bismarck (Nouvelle Bretagne avec les îles Salomon).

ic. L'Australie dans son entier.

id. Queensland.

ie. Nouvelle Galles du sud et îles Norfolk et Lord Howe.

if. Victoria.

ig. Australie du sud.

ih. Australie occidentale.

ii. Tasmanie.

ik. Nouvelle Zélande et îles avoisinantes (Kermadec, Auckland, Chatham, Macquaries, etc.).

il. Nouvelle Calédonie, Nouvelles Hébrides et îles Loyauté.

Stati Uniti del Nord-Est, ad E. del Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).

Stati Uniti del Sud-Est, ad E. del Mississippi.

Stati Uniti occidentali, ad W. del Mississippi.

Rete idrografica del Mississippi in complesso.

Messico.

AMERICA CENTRALE E MERIDIONALE
E INDIE OCCIDENTALI.

America Centrale : Guatemala ; Honduras ; Honduras Britanico ; Salvador ; Nicaragua ; Costa Rica ; Panama.

Indie occidentali ; Mar dei Caribi ; Golfo del Messico.

Guiana : britannica, olandese e francese ; Venezuela ; Trinidad ; Curaçao.

Columbia : Ecuador.

Perù.

Bolivia.

Brasile e rete idrografica dell'Amazona in complesso.

Argentina colla Patagonia in complesso ; Uruguay e Paraguay.

Chili.

Terra del Fuoco e Isole vicine ; Isole Falkland.

Le Ande.

AUSTRALIA E OCEANIA.

Nuova Guinea colle Isole Waigoe, Misool ed Aroo.

Arcipelago di Bismarck (Nuova Britannia, ecc., fino alle Solomone inclusivamente).

Australia in generale.

Queensland.

Nuova Galles del Sud colle isole Norfolk e Lord Howe.

Victoria.

Australia meridionale.

Australia occidentale.

Tasmania.

Nuova Zelanda e isole vicine (Kermadec, Auckland, Chatham, Macquario, etc.).

Nuova Caledonia, Nuove Ebridi e Isole Loyalty.

j. POLAR REGIONS IN GENERAL.
k. ARCTIC.

- ka.* Arctic Ocean.
- kb.* Greenland.
- kc.* Archipelago north of North America.
- kd.* Islands north of Europe and Asia.

l. ATLANTIC.

- la.* North Atlantic Ocean and Islands not otherwise specified.
- lb.* Azores : Canaries : Madeira : Cape Verde.
- lc.* South Atlantic and Islands.

m. INDIAN OCEAN.

- ma.* Ocean and Islands N. of Equator.
- mb.* Ocean and Islands S. of Equator, including Mascarene Islands, Amsterdam, and St. Paul.

n. PACIFIC.

- na.* North Pacific Ocean (North of Equator).
- nb.* South Pacific Ocean (South of Equator).
- nc.* Behring Sea and Islands (excluding Aleutian Archipelago).
- nd.* Sandwich Islands and scattered groups N. of Equator and E. of 180°.
- ne.* Ladrones, Pelew, Caroline and Marshall Groups, with other Islands N. of Equator and W. of 180°.
- nf.* Fiji Islands, Friendly Islands (Tonga), Samoa, Ellice, Phoenix Islands, etc., west of Meridian 160° W. of Greenwich.
- ng.* Galapagos Islands.
- nh.* Society Islands, Low Archipelago, Marquesas, and other Islands of S. Pacific, east of Meridian 160° W. of Greenwich.

o. ANTARCTIC.

- oa.* Antarctic Continent as a whole.
- ob.* S. Georgia, Sandwich Groups, and other Islands S. of S. Atlantic.
- oc.* Prince Edward Island, Crozets, Kerguelen, and other Islands S. of Indian Ocean.
- od.* Islands to Southward and South-east of New Zealand and Area South of Pacific.

POLAR GEBIET IM ALLGEMEINEN.

ARKTISCHES GEBIET.

- Der Arktische Ocean.
- Grönland.
- Archipel nördlich von Nord-Amerika.

- Inseln nördlich von Europa und Asien.

ATLANTISCHES GEBIET.

- Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.

- Azoren ; Kanaren ; Madeira ; Cap Verde.
- Der Südatlantische Ocean mit seinen Inseln.

INDISCHER OCEAN.

- Ocean und Inseln nördlich vom Aequator.
- Ocean und Inseln südlich vom Aequator, einschliesslich Mascarenen, Neu - Amsterdam und St. Paul.

PACIFISCHES GEBIET.

- Nordpacificer Ocean (nördlich vom Aequator).

- Südpacificer Ocean (südlich vom Aequator).

- Berings Meer, nebst Inseln (ohne Aleuten-Archipel).

- Sandwich-Inseln und zerstreute Gruppen nördlich vom Aequator und östlich vom 180. Grad.

- Ladronen-, Palau-, Carolinen- und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und westlich vom 180. Grad.

- Fidschi-Inseln, Freundschafts-Inseln (Tonga), Samoa, Ellice-Inseln, Phönix-Inseln etc., westlich vom Meridian 160° W.L.

- Galapagos-Inseln.

- Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pacificischen Oceans, östlich vom Meridian 16° W.L.

ANTARKTISCHES GEBIET.

- Der Antarktische Kontinent als Ganzes.

- Süd-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom süd. atlantischen Gebiet.

- Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.

- Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pacificischen Oceans.

j. REGIONS POLAIRES EN GÉNÉRAL.
k. RÉGIONS ARCTIQUES.

ka. Océan arctique.
kb. Groenland.
kc. Archipel au nord de l'Amérique du Nord.
kd. Iles au nord de l'Europe et de l'Asie.

l. ATLANTIQUE.

la. Océan Atlantique septentrional, et les îles qui n'ont pas été spécifiées ailleurs.
lb. Açores ; Canaries ; Madère ; Cap Vert.
lc. Atlantique méridional et ses îles.

m. OCEAN INDIEN.

ma. Océan et îles au nord de l'Équateur.
mb. Océan et îles au sud de l'Équateur, les Mascareignes et les îles Amsterdam et St. Paul.

n. PACIFIQUE.

na. Pacifique septentrional (au nord de l'Équateur).
nb. Pacifique méridional (au sud de l'Équateur).
nc. Mar di Behring et ses îles (circons l'archipel aléoutien).
nd. Iles Sandwich, avec les groupes insulaires situés au nord de l'Équateur et à l'est du 180°.
ne. Mariannes, Pelew, archipel des Carolines et de Marshall, avec les autres îles situées au nord de l'Équateur et à l'ouest du 180°.
nf. Iles Fidji, îles des Amis (Tonga), Samoa, Ellice, Phénix et autres, situées à l'ouest du méridien 160° O. (Greenwich).
ng. Iles Galapagos.
nh. Iles de la Société, Pomoutou, Marques et autres îles du Pacifique méridional à l'est du méridien 160° O. (Greenwich).

o. RÉGIONS ANTARCTIQUES.

oa. Continent antarctique dans son entier.
ob. Géorgie du Sud, groupe des Sandwichs et autres îles au sud de l'Atlantique méridional.
oc. Iles du Prince Édouard, Crozet, Kerguelen et autres îles au sud de l'Océan Indien.
od. Iles au sud et au sud-est de la Nouvelle Zélande et la zone au sud du Pacifique.

REGIONI POLARI IN GENERALE.

REGIONE ARTICA.

Oceano Artico.
Groenlandia.
Arcipelago dell' America del Nord.
Isole a N. dell' Europa e dell' Asia.

OCEANO ATLANTICO.

Oceano Atlantico settentrionale e sue isole, non indicate altrove.

Azorre ; Canarie ; Madera ; isole del Capo Verde.
Atlantico meridionale e sue isole.

OCEANO INDIANO.

Oceano e isole a Nord dell' Equatore.

Oceano e isole a Sud dell' Equatore, comprendendovi le Mascarene, Amsterdam e S. Paolo.

OCEANO PACIFICO.

Pacifico del Nord (a N. dell' Equatore).
Pacifico del Sud (a S. dell' Equatore).

Mar di Behring e sue isole (senza l'arcipelago delle Aleutine).
Isole Sandwich e gruppi sparsi a N. dell' Equatore e ad E. del 180°.

Isole dei Ladroni, Palau, Caroline e Marshall, con altre isole a N. dello Equatore e ad ovest del 180°.

Isole Figi degli Amici (Tonga), Samoa, Ellice, Fenice, etc., ad ovest del 160° W. da Greenwich.

Isole Galapagos.

Isole della Società, Arcipelago di Low, Marchesi e altre isole del Pacifico meridionale, ad Est del meridiano 168° W. da Greenwich.

REGIONE ANTARTICA.

Regione antartica in generale.

Georgia australe, gruppo delle Sandwich e altre isole a Sud dell' Atlantico meridionale.
Isole del Principe Edoardo, Crozet, Kerguelen e altre isole a Sud dell' Oceano Indiano.

Isole a Sud e a Sud-Est della Nuova Zelanda e regione a Sud del Pacifico.

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c ASIA.*f* AFRICA.*fg* South Africa.

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55.2431 ARTHROPODA, INCLUDING INSECTA.

Handlirsch. Die fossilen Insekten und die Phylogenie der rezenten Formen. Ein Handbuch für Paläontologen und Zoologen. Lfg 8-9 (Schluss). Leipzig, 1908.

d EUROPE.*de* German Empire.

Schuster. 6087. Flora der Saarbrücker Schichten und des pfälzischen Oberrotliegenden.

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d EUROPE.*de* German Empire.

Herrmann. 5683. Neue Fossilfunde in Hessen.

Richter. Zur Kenntnis devonischer Trilobiten aus dem Rheinischen Schiefergebirge. Diss. Marburg, 1909.

Zimmermann. 6303. Das Palaeozoicum bei Görlitz und die Auffindung devonischer Trilobiten daselbst.

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55.5431 PISCES.

Branson. 5366. *Cladodus compressus*, a correction.

——— 5368. *Dinichthys terrelli* Newberry, with a restoration.

Missunianka. 5899. Sur une nouvelle espèce d'*Edestus*, trouvée dans le calcaire houiller aux environs de Kolomna, gouv. de Moscou. (Polish.)

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dc German Empire.

Jaekel. 5730. Neue Funde von Wirbeltieren aus Deutschlands Urzeit.

de British Isles.

Traquair. 6191. A new palaeoniscid fish from the base of the Pendleside series near Holywell (Flint).

——— 6192. A monograph of the fishes of the old red sandstone of Britain. Part II. No. 3. The *Astrolepididae*.

Wellburn. 6238. Fish-fauna of the lower carboniferous rock of Yorkshire.

Woodward. 6276. *Myriolepis hibernica*. A palaeoniscid fish from the Irish coal-measures.

g NORTH AMERICA.

gg North Eastern United States.

Branson. 5367. *Dinichthys intermedius* Newberry from Huron shale.

Eastman. 5551. Devonian fishes of Iowa. With special description of the auditory organ and other soft parts of *Rhadinichthys deani* Eastman sp. n. by G. H. Parker.]

——— 5552. Notice of a new coelacanth fish from the Iowa Kinderhook.

55.5631 REPTILIA AND BA-TRACHIA.

Broili. 5373. Systematische und biologische Bemerkungen zu der permischen Gattung *Lysorophus*.

Broom. 5381. South African Dinosaur. (*Hortalotarsus*.)

——— 5385. The inter-relationship of the known Therocephalian genera. (Therocephalia.)

Case. 5423. The skull of *Lysorophus tricarinatus* Cope [showing amphibian nature].

Huene. 5717. Neue und verkannte Pelycosaurier-Reste aus Europa.

— 5718. *Callibrachion*.

Moodie. 5904. *Dissorophus*. A correction. [*D. articulatus* synonym of *D. multicinctus*.]

Schwarz. 6030. Wirbelsäule und Rippen holospondyler Stegocephalen (*Lepospondyli* Zitt.).

Williston. 6253. *Lysorophus*, a Permian urodele.

— 6254. The Cotylosauria.

— 6255. "The oldest known reptile."—*Isodectes punctulatus* Cope.

— A new group of Permian amphibians [for *Lysorophus tricarinatus*].

d EUROPE.

de German Empire.

Pabst. 5948. Tierfährten in dem Rotliegenden „Deutschlands“. IV.

f AFRICA.

fg South Africa.

Broom. 5382. Permian and triassic faunas of South Africa.

— 5386. A new Labyrinthodont, *Rhinosuchus whaitsi*, from the Permian beds of South Africa. [Labyrinthodontia.]

g NORTH AMERICA.

gg North Eastern United States.

Case. 5422. Value of the evidence furnished by vertebrate fossils of age of certain so-called Permian beds in America.

— 5424. Vertebrate fossils from the vicinity of Pittsburgh, Pennsylvania. [Bones and fragments of Amphibia and Reptilia from the Pennsylvanian formation. (Carboniferous).]

gi Western United States.

Broili. 5375. Ein montiertes Skelett von *Labidosaurus hamatus* Cope, einem Cotylosaurier aus dem Perm von Texas.

Case. 5422. Value of the evidence furnished by vertebrate fossils of age of certain so-called Permian beds in America.

Matthew. 5871. A four-horned pelycosaurian from the Permian of Texas.

60 MESOZOIC (GENERAL).

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Principi. 6005. Cenni geologici sul Monte Malbe, presso Perugia.

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60.0431 PROTOZOA.

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60.0831 COELENTERATA.

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60.2231 MOLLUSCA.

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60.5231 VERTEBRATA.

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fg South Africa.

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60.5431 PISCES.

Priem. 6003. Étude sur le genre *Lepidotus*.

60.5631 REPTILIA AND BATRACHIA.

Branca. 5365. Embryonenfrage bei *Ichthyosaurus*.

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f AFRICA.

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65 TRIASSIC.

65.0231 PALAEZOZOLOGIA GENERALIS.

Frech. 5590. Die Trias. (Schluss. Lit. 4. Nachtrage zu der Mediterranen Trias. Amerikanische und circumpacifische Trias. Rückblick auf die Trias.—Druckfehlerverzeichnis.—Register.

und **Rentz.** 5592. Neue Triasfunde auf Hydra und in der Argolis.

Hoffmann. 5697. Der Muschelkalk der (Westpfalz) Pfalz.

Merciai. 5881. L'infralias del Monte Malbe presso Perugia.

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Langenhan. 5799. Neue Funde aus der oberen Trias.

Naumann. 5918. Fossilfunde im Mittleren Muschelkalk bei Grossheringen.

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de British Isles.

Huene. 5716. Eine Zusammenstellung über die englische Trias und das Alter ihrer Fossilien.

Lomas et alii. 5839. Report on the investigation of the fauna and flora of the Trias of the British Isles.

dh Italy.

Galdieri. 5605. Osservazioni geologiche sui Monti Picentini nel Salernitano.

dk Austria-Hungary.

Wittenburg. 6263. Neue Beiträge zur Geologie und Paläontologie der Werfener Schichten Südtirols, mit Berücksichtigung der Schichten von Wladiwostok.

dl Balkan Peninsula.

Renz. 6029. Types nouveaux de la faune du trias d'Epidaure.

e ASIA.

ea Asiatic Russia.

Diener. 5519. Das Alter der Olenek-schichten Sibiriens.

eab East Siberia.

Wittenburg. 6263. Neue Beiträge zur Geologie und Paläontologie der Werfener Schichten Südtirols, mit Berücksichtigung der Schichten von Wladiwostok.

eg Malay Archipelago.

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gi Western United States.

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65.0431 PROTOZOA.

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65.0831 COELENTERATA.

d EUROPE.

dl Balkan Peninsula.

Renz und **Frech.** 6031. Der Nachweis von Obertrias im Parnassgebiet. Geologische Beobachtungen am Parnass. Von Carl Renz.

65.1031 ECHINODERMATA.

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Kittl. 5766. Triasbildungen der nordöstlichen Dobrudscha.

65.2031 BRACHIOPODA AND BRYOZOA.

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dh Italy.

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Kittl. 5766. Triasbildungen der nordöstlichen Dobrudscha.

65.2231 MOLLUSCA.

Frech und **Rentz.** 5592. Neue Triasfunde auf Hydra und in der Argolis.

Häberle. 5652. Paläontologische Untersuchung triadischer Gastropoden aus dem Gebiet von Predazzo.

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de German Empire.

Fischer. 5579. Vorkommen von Jugendformen des *Ceratites compressus* (Sandb.) E. Phil. bei Würzburg.

Kolesch. 5777. Die Verbreitung der *Gercilia murchisoni* Gein. in Ostthüringen.

Zeller. 6302. Zur Kenntnis der Lettenkohle und des Keupers in Schwaben.

dh Italy.

Campana (Del). 5409. Fossili della Dolomia principale della Valle del Brenta.

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Wittenburg. 6263. Neue Beiträge zur Geologie und Paläontologie der Werfener Schichten Südtirols, mit Berücksichtigung der Schichten von Wladiwostok.

————— 6265. Einige neue Fossilien aus den Werfener Schichten Südtirols.

dl Balkan Peninsula.

Frech. 5587. Die Hallstätter Kalke bei Epidavros (Argolis) und ihre Cephalopoden.

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cf British India.

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eg Malay Archipelago.

Renz. 6030. Die Trias von Rotti und Timor im ostindischen Archipel.

65.2631 CRUSTACEA.

g North America.

gi Western United States.

Cross. 5495. The Triassic portion of the Shinarump group, Powell.

65.5231 VERTEBRATA.

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f AFRICA.

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Broom. 5393. An attempt to determine the horizons of the fossil vertebrates of the Karroo.

65.5431 PISCES.

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Hennig. 5678. *Saurichthys* - Funde von Rüdersdorf.

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Gortani. 5632. *Pholidophorus faccii* n.f. nel Raiblano di Cazzaso in Carnia.

f AFRICA.

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Broom. 5388. The fossil fishes of the upper Karroo beds of South Africa.

65.5631 REPTILIA AND BATRACHIA.

Broom. 5389. New South African fossil amphibians and reptiles. (Stegocaudata).

——— 5391. The shoulder girdle of *Cynognathus*. (Cynodontia.)

Huene. 5712. Die Dinosaurier der europäischen Triasformation mit Berücksichtigung der aussereuropäischen Vorkommnisse. Tafg 1-3.

——— 5717. Neue und verkannte Pelycosaurier-Reste aus Europa.

——— and **Lull.** 5720. The Triassic reptile, *Hallopus victor* Marsh.

Merriam. 5884. Notes on the osteology of the thalattosauroid genus *Neotosaurus*.

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dk Austria-Hungary.

Abel. 5267. Ein neuer Reptiliensaurus aus der Triasformation Ungarns.

f AFRICA.

fg South Africa.

Broili. 5376. Ein Dicynodontierrest aus der Karoformation.

Broom. 5380. South African Diapontian reptile *Howesia*.

——— 5382. Permian and triassic faunas of South Africa.

——— 5383. The pareiasaurian genus *Propappus*. (Pareiasauria.)

——— 5384. Some new Therocephalian Reptiles (Anomodontia. Therocephalia). Cape Town, Ann. S. Afric. Mus., 4, 1908, (361-367).

g NORTH AMERICA.

gi Western United States.

Cross. 5495. The Triassic portion of the Shinarump group, Powell.

Merriam. 5883. Triassic Ichthyosaura, with special reference to the American forms.

70 JURASSIC.

70.0231 PALAEZOZOLOGIA GENERALIS.

Aradi. 5297. Der Jura des Ofener Gebirges und allgemeine Betrachtung über die tektonischen Verhältnisse desselben.

Dal Piaz. 5501. Alter der Koralenkalkformation von Monte Zovo bei Mori (Trient).

Girardot. 5620. Paléontostatique jurassique de la Franche-Comté meridionale.

Hoehne. 5634. Frage der Klimazonenbildung im Jura und in der Kreide. A. Bedeutung der Frage auf Grund der tierischen Reste, B. auf Grund d. pflanzlichen Reste.

Quenstedt. Der Jura. Neudruck. Tübingen, 1858 [1907].

d EUROPE.

dbe Central Russia.

Michalski. 5897. Beschreibung einiger Versteinerungen aus den Umgegenden von Sulejow und Bjala (russ.).

dc German Empire.

Hermann. 5682. Die östliche Randverwerfung des fränkischen Jura. Ein neuer Beitrag zur Kenntnis ihres Verlaufes und ihres Alters.

Koehne. 5771. Bemerkung zu dem Aufsatze von Herrn Rudolf Hermann in Berlin über „Die östliche Randverwerfung des fränkischen Jura“.

Pompeckj 5991. Die faunistische und zoogeographische Bedeutung der Jurageschiebe im Diluvium Ost- und Westpreussens.

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c ASIA.

cj Malay Archipelago.

Boehm. 5348. Zur Geologie des indo-australischen Archipels.

— 5349. Geologische Mitteilungen aus dem indo-australischen Archipel. c) Jura von Rotti, Timor, Babar und Buru.

f AFRICA.

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Fraas. 5584. Der ostafrikanische Jura.

g NORTH AMERICA.

gi Western United States.

Diller. 5521. Strata containing the Jurassic flora of Oregon.

70 0431 PROTOZOA.

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dc German Empire.

Gaub. 5606. Ueber oolithbildende Ophthalmidien im Dogger der Schwäbischen Alb.

Issler. 5725. Zur Stratigraphie und Mikrofauna des Lias in Schwaben.

70 0631 PORIFERA.

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dk Austria Hungary.

Oppenheimer. 5936. Der Malm der Schwedenschanze bei Brünn.

70.0831 COELENTERATA.

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dc German Empire.

Ammon. 5289. Eine coronate Qualle (*Ephyropsites jurassicus* [n. g. n. sp.]) aus dem Kalkschiefer.

dh Italy.

Airaghi. Coralli dei calcarei grigi del Veneto. Milano, 1907.

70.1031 ECHINODERMATA.

Lambert et Lemoine. Contribution à la géologie des colonies françaises. II. Sur deux oursins nouveaux du Jurassique de Madagascar.

Tornquist. 6185. Die Diadematoiden des württembergischen Lias.

d EUROPE.

df France.

Lambert. 5788. [Sur un échinide nouveau, *Diplocidaris jacquemeti*.]

dk Austria Hungary.

Oppenheimer. 5936. Der Malm der Schwedenschanze bei Brünn.

70.1831 VERMES.

Krause. 5783. Ueber Diluvium, Tertiär, Kreide und Jura in der Heilsberger Tiefbohrung.

70.2031 BRACHIOPODA AND BRYOZOA.

Buckman. 5399. Brachiopod homoeomorphy; *Pygope*, *Antinomia*, *Pygites*.

Krause. 5780. Ueber Diluvium, Tertiär, Kreide und Jura in der Heilsberger Tiefbohrung.

Lewinski. 5821a. Les dépôts jurassiques près la station Chęciny et leur faune.

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de British Isles.

Buckman. 5400. A Cotteswold Brachiopod. A forgotten name and a neglected author. [*Rhynchonella acutiplicata*, Brown.]

dl France.

Bourgeat. 5362. Sur trois niveaux à Bryozoaires de la région de la Serre Jura).

dh Italy.

Boden. 5347. Die geologischen Verhältnisse der Veroneser Alpen zwischen der Etsch und dem Tale von Negrar.

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Oppenheimer. 5936. Der Malm der Schwedenschanze bei Brünn.

f AFRICA.

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Thévenin 6180. Paléontologie de Madagascar. N. Fossiles liasiques.

70.2231 MOLLUSCA.

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Kessler. 5752. Ueber einen mit Wohnkammer erhaltenen *Macrocephalites* [*macrocephalus*].

Kilian. 5759. Quelques gisements d'Ammonites dans le Jurassique supérieur et le Crétacé des chaînes subalpines.

Krause. 5780. Ueber Diluvium, Tertiär, Kreide und Jura in der Heidsberger Tiefbohrung.

Lewiński. 5821A. (Les dépôts jurassiques près la station Checiny et leur faune.) (Polish.)

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Sokolov. 6136. Aucellen vom Timan und Spitzbergen. (Russ.)

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Borisjak. 5355. Die Fauna des Donez-Jura. I. Cephalopoda. (Russ.)

dc German Empire.

Epstein. 5565. *Psiloceras baltzeri* n. sp. aus den Angulaten-Kalken von Vaihingen a. F. bei Stuttgart.

Kessler. 5753. *Lytoceras taeniatum* Pomp. und *Lytoceras wrighti* Buckm.

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Buckman. 5401. Some Lias Ammonites. *Schlotheimia* and species of other genera.

df France.

Cossmann. 5486. 3^e Note sur le Bathonien de Saint-Gaultier (Indre).

— 5488. Description de quelques Pélécypodes jurassiques de France.

dh Italy.

Boden. 5347. Die geologischen Verhältnisse der Veroneser Alpen zwischen der Etsch und dem Tale von Negrar.

Campana (Del). 5408. Fossili del Lias inferiore del Canal-di-Brenta.

Fucini. 5602. Ancora sull'età del marmo giallo di Siena.

dk Austria Hungary.

Oppenheimer. 5936. Der Malm der Schwedenschanze bei Brünn.

Vadász. 6205. Die Fauna des unteren Lias von Alsórákos im Komitate Nagyküküllő. (Ungarisch.)

— 6206. Über eine oberliassische *Lytoceras*-Art mit aufgelöster Wohnkammer. (Ungarisch u. deutsch.)

dl Balkan Peninsula.

Renz. 6028. Sur les Ammonites toarciennes de l'Epire intérieure.

f AFRICA.

fh Madagascar.

Thévenin. 6180. Paléontologie de Madagascar. N. Fossiles liasiques.

i AUSTRALASIA.

ia New Guinea.

Rouffaer, Posthumus Meyjes und Rochemoni. Die Südwest Neu-Guinea-Expedition 1904-1905 der Königl. Niederl. Geogr. Gesellschaft [mit Beilage von G. Boehm.] Beschreibung eines Ammoniten von Südwest Neu-Guinea. (Holländisch.) Leiden, 1908.

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kd Islands North of Europe and Asia.

Sokolov. 6136. Aucellen vom Timan und Spitzbergen. (Russ.)

70.2431 ARTHROPODA.

d EUROPE.

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70.2631 CRUSTACEA.

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70.5431 PISCES.

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Sauvage. 6061. Nouveau catalogue des Poissons des formations secondaires du Boulonnais.

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Oppenheimer. 5936. Der Malm der Schwedenschanze bei Brünn.

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Woodward. 6274. A tooth of *Ceratodus* and a Dinosaurian claw from the Lower Jurassic of Victoria (Australia).

70.5631 REPTILIA ET BATRACHIA.

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Hay. 5668. Descriptions of five species of North American fossil turtles, four of which are new.

——— 5669. Genera and species of carnivorous dinosaurs, with special reference to *Ceratosaurus nasutus* Marsh.

——— 5671. Dr. W. J. Holland on the skull of *Diplodocus*.

Holland. 5702. *Baptanodon* not a "toothless" ichthyosaur.

——— 5703. Dr. O. P. Hay on the skull of *Diplodocus*.

Osborn. 5939. The skeleton of *Brontosaurus* and skull of *Morosaurus*.

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——— 6277. Two specimens of *Ichthyosaurus* showing contained embryos.

——— 6286. A large-headed Dinosaur. [*Triceratops prorsus*.]

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Wanderer. 6226. *Ramphorhynchus gemmingeri* H. v. Meyer. Ein Exemplar mit teilweise erhaltenem Flughaut a. d. Kgl. Mineralog.-Geol. Museum zu Dresden.

df France.

Sauvage. 6062. Le genre Pélorosaure.

dk Austria Hungary.

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75 CRETACEOUS.

75.0231 PALAEZOZOLOGIA GENERALIS.

Hoehne. 5694. Frage der Klimazonenbildung im Jura und in der Kreide. A. Beleuchtung der Frage auf Grund der tierischen Reste, B. auf Grund d. pflanzlichen Reste.

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Stolley. 6168. Zur Kenntnis der kaukasischen Unterkreide.

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Stolley. 6166. Ueber alte und neue Aufschlüsse und Profile in der unteren Kreide Braunschweigs und Hannovers.

——— 6167. Die Gliederung der norddeutschen unteren Kreide.

——— 6169. Die untere Kreide Norddeutschlands. Erwiderung.

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Leriche. 5818. Contribution à l'étude de la faune de la craie d'Epernay a *Mayas pumilus*.

f AFRICA.

fh Madagascar.

Lemoine. 5807. Fossiles crétacés de la côte de Madagascar.

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gi Western United States.

Crandall. 5494. Cretaceous stratigraphy of the Santa Clara valley region in California.

Henderson, J. 5674. The sandstone of Fossil ridge in northern Colorado and its fauna.

Sternberg. 6161. My expedition to the Kansas chalk for 1907.

h CENTRAL AND SOUTH AMERICA.

hl Falkland Islands.

Steinmann. 6156. Das Alter der Schieferformation im Feuerlande.

75.0431 PROTOZOA.

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dh Italy.

Checchia-Rispoli e Gemmellaro. 5444. Prima nota sulle orbitoidi del sistema cretaceo della Sicilia.

Osimo. 5946. Il genere *Siderolithes* Lamk.

Stefano (Di). 6151. I calcari cretacei con orbitoidi dei dintorni di Termini-Imerese e di Bagheria. (Palermo.)

f AFRICA.

fh Madagascar.

Boule et Thévenin. 5359. Sur de nouveaux fossiles de la côte orientale de Madagascar.

75.0631 PORIFERA.

d EUROPE.

df France.

Počta. 5988. Sur quelques éponges du sénionien de Nice.

dii Alps.

Felix. 5575. Studien über die Schichten der oberen Kreideformation in den Alpen und den Mittelmeergebieten. Tl II: Die Kreideschichten bei Gosau.

75.0831 COELENTERATA.

d EUROPE.

dbb Southern Russia.

Karakas. 5748. Le crétacé inférieur de la Crimée et sa faune. (Russe.)

c ASIA.

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Felix. 5576. Korallenfauna des syrischen Cenoman.

f AFRICA.

fb North East Africa.

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75.1031 ECHINODERMATA.

Morin. 5907. Ein Rätsel weniger. [*Asterosoma radiciforme*—Bau einer Sandkrabbe.]

Séguin. 6100. Note sur les anomalies dans l'Apex chez *Glypticus lamberti*.

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dbb Southern Russia.

Karakaš. 5748. Le crétacé inférieur de la Crimée et sa faune. (Russe.)

alb Central Russia.

Chimenkov. 5445. Der geologische Bau der Umgebung von Chwalyansk und die Kreide-Ablagerungen im Wolga-Gebiet des nördlichen Teils des Gouvern. Saratow. (Russ.)

de British Isles.

Sherborn. 6111. Remarks on the irregular Echinoids of the white chalk of England, as exhibited in the British Museum (Natural History).

df France.

Gosselet. 5633. Légende de la feuille de Montreuil avec notes d'excursions sur cette feuille et celle d'Arras.

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— 5790. Les Echinides du calcaire pisolithique du bassin de Paris. (Reims, 1907), 2^e Partie, 1908, (281–292, av. fig.).

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eac Central Asiatic Russia.

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— 5797. Key to the published figures of the cretaceous forms of the polyzoan genus *Entalophora*.

Müller. Organisation der Craniiden. Diss. Berlin, 1908.

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85.5631 REPTILIA AND BATRACHIA.

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Dollfus. 6524. Faune malacologique du Miocène supérieur (Rédonien) de Montaigu (Vendée).

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eg Malay Archipelago.

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Cockerell. 5466. Results of the Florissant expedition of 1908.

90 0431 PROTOZOA.

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df France.

Douvillé. 5544. Position stratigraphique des gisements à Lépidocylinées dans le Miocène de Provence.

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ec Japanese Islands.

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90 0831 COELENTERATA.

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df France.

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dh Italy.

Capeder. 5416. Sopra alcune forme teratologiche di Fibularidi del Miocene medio della Sardegna.

Checcia-Rispoli. 5440. Gli echinidi viventi e fossili della Sicilia. Parte seconda. Gli echinidi del piano Siciliano dei dintorni di Palermo.

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90.2031 BRACHIOPODA AND BRYOZOA.

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g NORTH AMERICA.

gi Western United States.

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h CENTRAL AND SOUTH AMERICA.

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d EUROPE.

db Russia in Europe.

Andrusov. 5294. Die Gattung *Archicardium* Fischer. (Russ.)

Friedberg. 5594. L'espèce *Turritella* dans le miocene de la Pologne. (Polish.)

allb Southern Russia.

Andrusov. 5295. Spuren der Paludinenschichten in Südrussland. (Russ.)

de German Empire.

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df France.

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Nelli. 5919. Formazione calcarea dello Scoglio-Troja (Litorale livornese.).

— 5920. Il miocene del Monte Titano nella repubblica di San Marino.

Ugolini. 6200. Monografia dei Pettinidi neogenici della Sardegna. Parte seconda. Gen. *Amussium*, *Amussiopecten*.

dk Austria Hungary.

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f AFRICA.

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Gentil et **Boistel.** 5612. Sur des gisements pliocènes de la côte occidentale du Maroc.

Lamothe et **Dautzenberg.** 5794. Les gîtes fossilifères des marnes plaisanciennes du Sahel d'Alger. Catalogue général des Mollusques qu'ils renferment.

Savornin. 6064. Terrains miocènes d'une partie de la bordure sud de l'Atlas tellien. Observation sur leur faune de *Pectinidae*.

g NORTH AMERICA.

ga Alaska.

Dall. 5500. Another large Miocene *Scala*.

gi Western United States.

Arnold. 5309. Descriptions of new Cretaceous and Tertiary fossils from the Santa Cruz mountains, California.

Cockerell. 5470. The Miocene species of *Lymnaea*.

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Boettger. 5351. Liste der Mollusken aus einem Sande im Barranco von Tegina auf Tenerife (Canaren).

90.2431 ARTHROPODA INCLUDING INSECTA.

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Meunier. 5894. Les *Asilidae* de l'ambre de la Baltique.

Olfers. 5931. Die „Ur-Insecten“. (*Thysanura* und *Collembola* im Bernstein.)

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do Baltic.

Meunier. 5886. Les *Phoridae* et les *Leptidae* de l'ambre de la Baltique.

g NORTH AMERICA.

gi Western United States.

Brues. 5396. New phytophagous Hymenoptera from the Tertiary of Florissant, Colorado.

_____. 5397. Two fossil *Phoridae* from the Miocene shales of Florissant, Colorado.

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_____. 5469. Fossil *Cercopidae* (Homoptera).

_____. 5471. Fossil insects from Florissant, Colorado.

_____. 5473. Another fossil nemestrinid fly.

_____. 5474. Florissant; a Miocene Pompeii.

_____. 5476. The fossil sawfly *Perga coloradensis*. [Type of a new genus, *Phenacoperga*.]

90.2631 CRUSTACEA.

d EUROPE.

df France.

Alessandri, de. 5276. Cirripèdes fossiles des faluns de Touraine.

Couffon. 5492. Sur quelques crustacés des faluns de Touraine et d'Anjou, suivi d'un essai de prodrome des crustacés podophthalmaires miocènes.

dk Austria Hungary.

Méhes. 5877. Die pliozänen Ostrakoden Ungarns. (Ungarisch u. deutsch.)

g NORTH AMERICA.

gi Western United States.

Rathbun. 6010. Fossil crabs from California.

90.5431 PISCES.

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dd Belgium.

Leriche. 5809. Sur un appareil fanonculaire de *Cetorhinus* trouvé à l'état fossile dans le Pliocène d'Anvers.

Reid, C. and **Reid**, E. M. 6022. The fossil flora of Tegelen-sur-Meuse near Venloo in the Province of Limburg.

df France.

Leriche. 5810. Les Poissons des Faluns néogènes de la Bretagne, de l'Anjou et de la Touraine.

_____. 5812. Revision de la faune ichthyologique des terrains néogènes du bassin du Rhône.

dh Italy.

Bassani. 5319. Su alcuni avanzi di pesci nell'arenaria glauconiosa della isole Tremiti.

Nelli. 5920. Il miocene del Monte Titano nella repubblica di San Marino.

90.5631 REPTILIA AND BATRACHIA.

Nopcsa. 5925. Zur Kenntnis der fossilien Eidechsen.

Reid, C. and **Reid**, E. M. 6022. The fossil flora of Tegelen-sur-Meuse, near Venloo, in the province of Limburg.

g NORTH AMERICA.

gi Western United States.

Hay. 5668. Descriptions of five species of North American fossil turtles, four of which are new.

90.6031 MAMMALIA.

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_____. 5274. Unsere gegenwärtige Kenntnis über den Bau und die Lebensweise von *Diprotodon australis* Owen.

Bach. 5312. Das Alter des „Belvedereschotters“.

Depéret. 5512. L'évolution des mammifères tertiaires; importance des migrations; époque pliocène.

Hinton. 5692. *Gazella daviesii*, a new Antelope from the Norwich Crag of Bramerton.

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Peterson. 5976. Type specimen of *Stenomylus gracilis* Peterson.

Reid. C. and **Reid.** E. M. 6022. The fossil flora of Tegelen-sur-Meuse near Venloo in the Province of Limburg.

True. 6196. Remarks on the fossil cetacean *Rhabdosteus latiradix*, Cope.

d EUROPE.

dbb Southern Russia.

Pavlova. 5953. *Dinotherium giganteum* Kaup des environs de Tiraspol. (Russe et français.)

df France.

Mayet. 5875. Etude sommaire des mammifères fossiles des faluns de la Touraine proprement dite.

Stehlin. 6153. Notices paléomammalogiques sur quelques dépôts miocènes des bassins de la Loire et de l'Allier.

dh Italy.

Barbiani. 5316. Cenni sul Mastodonte di Petrojo (Prov. di Siena) e sugli Strati Levantini in cui si rinvenne.

Campana (Del). 5407. Sulla fauna della breccia ossifera del Serbaro (Romagnano).

Capellini. 5417. *Mastodonti* del Museo geologico di Bologna. I.

Mariani. 5860. Resti fossili di elefante trovati in alcune cave di sabbia vicino a Milano.

Matarazzi. 5868. *Elephas antiquus* Falc. rinvenuto presso Sant'Agata dei Goti. (Prov. di Benevento.)

Merciai. 5882. Sopra alcuni resti di vertebrati miocenici delle ligniti di Ribolla.

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Parona. A proposito dei resti di un elefante (*El. primigenius* Blumb.) scoperto in un deposito quaternario della collina di Torino. Milano, 1907.

Portis. 5995. Di due notevoli avanzi di carnivori fossili dai terreni tufacei di Itoma.

— 5996. A proposito di avanzi elefantini recentemente scoperti nella valle del Po.

Portis. 5997. Di alcuni avanzi fossili di grandi ruminanti principalmente della provincia di Roma.

Seguenza. 6099. Nuovi resti di mammiferi pontici di Gravitelli presso Messina.

Ugolini. Resti di vertebrati marini del Pliocene di Orciano. Milano, 1907.

dk Austria Hungary.

Zdarsky. 6297. Säugethierfauna der Eibiswalder Schichten.

g NORTH AMERICA.

gf United States as a whole.

True. 6197. Occurrence of remains of fossil cetaceans of the genus *Schizodelphis* in the United States, and on *Prisodelphinus* (?) *crassangulum* Case.

gi Western United States.

Barbour. 5317. A new fossil rhinoceros from Sioux county, Nebraska.

Cockerelli. 5477. A new locality for Miocene mammals [at Troublesome, in Middle Park Colorado].

Cook. 5484. A new rhinoceros from the Lower Miocene of Nebraska.

Douglass. 5527. Rhinoceroses from the Oligocene and Miocene deposits of North Dakota and Montana.

— 5528. Fossil horses from North Dakota and Montana.

Gidley. 5615. Collection of fossil mammals from Virgin valley, Nevada.

Gilbert. 5617. Ancestors of our whales. [Description of fossils found at Los Angeles, Cal.]

Loomis. 5843. *Rhinocerotidae* of the Lower Miocene.

— 5844. A new horse from the Lower Miocene.

Matthew. 5872. Osteology of *Blastomeryx* and phylogeny of the American *Cervidae*.

h CENTRAL AND SOUTH AMERICA.

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Sinclair. 6130. The Santa Cruz Typotheria.

95 PLEISTOCENE AND RECENT.

95.0231 PALAEZOZOLOGIA GENERALIS.

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Wieggers. 6246. Neue Funde paläolithischer Artefakte. 2. Aus dem Diluvium am Grossen Fallstein.

Wüst. 6287. Neues über die paläolithischen Fundstätten der Gegend von Weimar.

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Brögger. 5372. Un "kjökkemödding" de l'âge primitif de la pierre en Norvège. (Norwégien.)

dba Northern Russia.

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dc German Empire.

Dammer. 5502. Einige neue Fundpunkte interglazialer Ablagerungen in der Lüneburger Heide.

Engelhardt und **Kinkelin.** 5564. I. Oberpliocäne Flora und Fauna des Untermaintales, insbesondere des Frankfurter Klärbeckens. II. Unter-diluviale Flora von Hainstadt a. M.

Menzel. 5880. Die Quartärfaunen im nördlichen Vorlande des Harzes und die Nehringsche Steppenhypothese.

Naumann. 5917. Eine präglaziale Fauna und über die Aequivalente der Ablagerungen des jüngeren Eises im Saaletal bei Jena.

Schucht. 6080. Die interglazialen Ablagerungen von Godenstedt bei Zeven.

Wollemann. 6270. Die Fossilien der Kalktuffe des Elms und Lappwaldes.

dh Italy: Sicily.

Luchetti. 1°. La terramara di Monteaggio (Crema.). 2°. Le azze di Camisano cremasco. (Dalla storia naturale alla preistoria ed alla storia.) Milano, 1907.

Scalia. 6065. Il postpliocene dell'Etna.

g NORTH AMERICA.

gg North Eastern United States.

Clapp. 5447. Complexity of the Glacial period in northeastern New England.

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gi Western United States.

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95.0431 PROTOZOA.

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95.0831 COELENTERATA.

ei Asiatic Turkey.

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f AFRICA.

fb North East Africa.

Gregory. 5644. A collection of fossil corals from Eastern Egypt, Abu Roash, and Sinai.

95.1031 ECHINODERMATA.

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eg Malay Archipelago.

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95.2031 BRACHIOPODA AND BRYOZOA.

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95.2231 MOLLUSCA.

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Jacquemet. 5727. Etude du Lehm et des conglomérats des pentes de l'île de Crémien.

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de German Empire.

Clessin. 5461. Die Tuffablagerung im Tale der schwarzen Laaber.

Hahne u. Wüst. 5654. Die paläolithischen Fundschichten und Funde der Gegend von Weimar.

Hennig. 5677. Ein neuer Fundort von *Paludina diluviana*.

Hilbert. 5687. Die Molluskenfauna des Diluviums der Provinzen Ost- und Westpreussen.

Wollemann. 6268. Fossile Knochen und Gastropodengehäuse aus dem diluvialen Kalktuff und Lehm von Osterode am Fallstein.

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df France.

Caziot. 5428. Le climat des Alpes Maritimes sur le littoral pendant le pliocène supérieur et le pléistocène, établi à l'aide des mollusques terrestres et fluviatiles.

— 5429. Nouveau gisement pléistocène lacustre sur la rive droite du Var près de son embouchure.

— et Maury. 5430. Mollusques terrestres postpliocènes trouvés dans une poche du terrain jurassique au Monte Carlo.

— — 5431. Nouveaux gisements pliocène et post-pliocène marins, et complément des faunes déjà publiées des gîtes marins de ces étages sur la côte des Alpes-Maritimes.

— — 5432. Un gisement postpliocène terrestre dans la vallée de la Tinée.

Germain. 5613. Sur quelques mollusques quaternaires de Saint-Pierre les Elbeuf.

dh Italy.

Bellini. 5330. Sul *Pecten medius* Lamk. citato da Philippi e Scacchi tra i fossili della regione Flegrea.

Regalia. 6020. Fauna della grotta di Pertosa (Salerno).

Salinas. 6058. Avanzi preistorici all'Acqua dei Corsari presso Palermo.

dk Austria Hungary.

Łomnicki. 5841. Die Mollusken im pleistocaenen Thon des Mammuthschachtes in Starunia. (Polish.)

dm Mediterranean and Islands.

Bullen. 5402. Some microzoa and mollusca from East Crete.

e ASIA.

eg Malay Archipelago.

Martin. 5864. Systematische Uebersicht über die Gastropoden aus tertiären und jüngeren Ablagerungen von Java.

— 5865. Das Alter der Schichten von Sondé und Trinil auf Java. [Ihre fossilen Gastropoden.]

Schepman. 6068. Mollusken aus posttertiären Schichten von Celebes.

/ AFRICA.

ff East Africa.

Koert. 5775. *Pecten vasseli* Fuchs bei Tanga in Deutsch-Ostafrika und das Alter der dortigen „jungen“ Deck-schichten und „jungen“ Küstenbildun-gen“.

g NORTH AMERICA.

gg North Eastern United States.

Maury. 5874. An interglacial fauna found in Cayuga valley and its relation to the Pleistocene of Toronto.

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Dall. 5199. New species of mol-lusks from the Pacific coast of the United States, with notes on other mol-lusks from the same region.

Shimek. 6113. Aftonian sands and gravel in western Iowa.

l ATLANTIC.

lb Canaries.

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95.2431 ARTHROPODA INCL.
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Lindberg. 5828. *Pterostichus ver-miculatus* Mén. aus Dryas-Ablagerung auf dem Isthmus Karelicus. (Schwe-disch.)

Olfers. 5931. Die „Ur-Insecten“. (*Thysanura* und *Collembola* im Bern-stein.)

g NORTH AMERICA.

gi Western United States.

Grinnell. 5646. Quaternary myrio-pods and insects of California.

95.2631 CRUSTACEA.

Brehm. 5370. Die geographische Verbreitung der Copepoden und ihre Beziehung zur Eiszeit.

Bullen. 5402. Microzoa and mol-lusca from East Crete.

95.3431 MYRIPODA.

g NORTH AMERICA.

gi Western United States.

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95.5231 VERTEBRATA.

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de German Empire.

Mehlis. 5878. Diluviale Funde von Neustadt a. d. Haardt.

df France.

Jeannel. 5735. Sur la découverte, dans la grcette du Portel, de peintures paléolithiques représentant l'homme et des animaux.

dh Italy.

Colini. 5479. La scoperte archeo-logiche del Dott. C. Rosa nella Valle della Vibrata e la civiltà primitiva degli Abruzzi e delle Marche.

Pigorini, Cerio e Bellini. 5982. Materiali paletnologici dell'Isola di Capri.

Regalia. 6020. Fauna della grotta di Pertosa. (Salerno.)

dk Austria Hungary.

Freudenberg. 5593. Die Fauna von Hundsheim in Niederösterreich.

g NORTH AMERICA.

gg North Eastern United States.

Holland. 5701. Account of the Pleistocene fauna discovered in a cave opened at Frankstown, Pennsylvania, in April and May 1907.

gi Western United States.

Brown. 5395. The Conard fissure, a Pleistocene bone deposit in northern Arkansas: With descriptions of two new genera and twenty new species of mammals.

95.5431 PISCES.

Jordan. 5743. A fossil stickleback fish from Nevada.

d EUROPE.

da Sweden.

Lönnberg. 5834. Some finds in *Litorina*-clay in Norrköping 1907. (Swedish.)

df France.

Godon. 5623. Découverte d'une faune quaternaire à Cambrai.

95.5631 REPTILIA AND BATRACHIA.

Nopcsa. 5925. Zur Kenntnis der fossilen Eidechsen.

d EUROPE.

dk Austria Hungary.

Bayger. 5328. *Rana esculenta* du pléistocène de Starnia. (Polish.)

g NORTH AMERICA.

gi Western United States.

Brown. 5395. The Conard fissure, a Pleistocene bone deposit in northern Arkansas: With descriptions of two new genera and twenty new species of mammals.

95.5831 AVES.

Lorenz von Liburnau. 5846. Die in historischer Zeit ausgestorbenen Vögel.

d EUROPE AND MEDITERRANEAN.

de British Islands.

Ussher. 6203. Remains of Hawfinch [*Coccothraustes*] in Co. Clare Caves.

g NORTH AMERICA.

gi Western United States.

Brown. 5395. The Conard fissure, a Pleistocene bone deposit in northern Arkansas: With descriptions of two new genera and twenty new species of mammals.

95.6031 MAMMALIA.

Adloff. 5279. Ausgestorbene Menschenaffen und ihre Beziehungen zum Menschen.

Broom. 5390. A large extinct species of *Bubalis* (Ungulata).

——— 5392. Evidence of a large horse recently extinct in South Africa. (Ungulata).

Deniker. 5511. L'âge du pithécanthrope.

Fritze. 5601. Beschreibung eines Seiadels vom Riesenhirsch (*Megaceros giganteus* Blumenb.).

Harlé. 5663. Ossements de renne en Espagne.

Hermann. 5681. Caries bei *Mastodon*.

Hinton. 5693. Fossil hare from Ightham, Kent.

Hogg. 5698. Human and other bones found at Whyteleafe (Surrey).

——— 5699. Mitcham gravels and their mammalian remains.

Hovey. 5703. The Chester, New York, mastodon. [Facsimile reproduction of sketch and description of skull and tusks of "*Elephas Mastodontus*" by P. S. Townsend, manuscript dated May 29, 1817.]

Laville. 5802. La marmotte d'Éragny.

Linstow. 5831. Die Verbreitung des Bibers im Quartär. Eine Literaturstudie.

Zomnicki. 5840. Ueber den Mammuths- und *Rhinoceros*-fund in Starnia. (Polish.)

Lorenz von Liburnau. 5845. Vorlage des rekonstruierten Skelettes eines fossilen Riesenhalbaffen [*Megaladapis edwardsi*] aus Madagaskar.

McClung. 5856. Restoration of the skeleton of *Bison occidentalis*.

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Coelocladia spinosa n. gen. et sp. Kansas, Carboniferous. **Girty**. 5622A.

Cystothalamia nodulifera n. gen. et sp. Texas, Guadalupian. **Girty**. 5622.

Cystothalamiidae n. fam. Texas, Guadalupian. **Girty**. 5622.

Guadalupia n. gen., spp. et var. Texas, Guadalupian. **Girty**. 5622.

Guadalupiidae n. fam. **Girty**. 5622.

Heliospongia n. gen., spp. et var. Kansas, Carboniferous. **Girty**. 5622A.

Heterocoelia beedei n. gen. et sp. Kansas, Carboniferous. **Girty**. 5622A.

Macandrasia kansensis n. gen. et sp. Kansas, Carboniferous. **Girty**. 5622A.

Polysiphon mirabilis n. gen. et sp. Texas, Guadalupian. **Girty**. 5622.

Polysiphoniidae n. fam. Texas, Guadalupian. **Girty**. 5622.

Pseudovirgula tenuis n. gen. et sp. Texas, Guadalupian. **Girty**. 5622.

Sciuemannia americana n. sp. Texas, Guadalupian. **Girty**. 5622.

_____ *benjamini* n. sp. Kansas, Carboniferous. **Girty**. 5622A.

Stromatidium typicale n. gen. et sp. Texas, Guadalupian. **Girty**. 5622.

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SPECIAL.

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Desmograptus nn. spp. New York, Palaeozoic. **Ruedemann**. 6053.

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0831.50 LOWER PALAEZOIC.

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Missouri and Northern United States, Lower Palaeozoic. **Ruedemann.** 6053.

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Cryptograptus tricornis insectiformis n. mut. New York, Champlainic. **Ruedemann.** 6053.

Cyrtograptus ulrichi n. sp. **Ruedemann.** 6053.

Dendrograptus rectus n. sp. New York, Siluric. **Ruedemann.** 6053.

Dicellograptus nn. spp. et varr. New York and Alabama, Champlainic. **Ruedemann.** 6053.

Dicranograptus nn. varr. et sp. New York, Champlainic. **Ruedemann.** 6053.

Diplograptus nn. varr., mut. et sp. Alabama, New York and Indian Territory, Champlainic. **Ruedemann.** 6053.

Glossograptus n. mutt. et varr. New York, Champlainic. **Ruedemann.** 6053.

Lasiograptus bimucronatus timidus n. mut. Northern United States, Champlainic. **Ruedemann.** 6053.

Leptograptus nn. mutt. New York, Champlainic. **Ruedemann.** 6053.

Mastigograptus circinalis n. gen. et sp. New York, Champlainic. **Ruedemann.** 6053.

Monograptus amphibolus n. sp. Sweden. **Törnquist.** 6184.

— *priodon chapmanensis* n. mut. Maine, Siluric. **Ruedemann.** 6053.

Nemagraptus nn. varr. New York, Champlainic. **Ruedemann.** 6053.

Odontocaulis hepaticus n. sp. New York, Champlainic. **Ruedemann.** 6053.

Palaeodictyota emend. nn. spp. et mut. New York, *Dendrograptidae*. **Ruedemann.** 6053.

Ptilograptus nn. spp. New York, Lower Palaeozoic. **Ruedemann.** 6053.

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Amplexi-Zaphrentis n. subgen. Ireland. **Vaughan.** 5869.

Campophyllum caninoides n. sp. England. **Sibly.** 6116.

Carcinophyllum mendipense n. sp. England. **Sibly.** 6116.

Chaunograptus gracilis n. sp. Quebec, Devonian. **Clarke.** 5454.

Cladopora nn. spp. Texas, Guadalupean. **Girty.** 5622.

Clisiophyllum curkeenense n. sp. Ireland. **Vaughan.** 5869.

Cyathaxonia dissimilis n. sp. Central Asiatic Russia. **Gröber.** 5647.

— nn. spp. Ireland. **Vaughan.** 5869.

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Lindstroemia nn. spp. Texas, Guadalupean. **Girty.** 5622.

Lithostrotion cyathophylloides n. sp. Ireland. **Vaughan.** 5869.

Lyopora gigantea n. sp. Bolivia. **Knod.** 5768.

Michelinia transitoria n. sp. Bolivia. **Knod.** 5768.

Monograptus colonus var. *intermedia* n. var. **Vinassa de Regny.** 6214.

Pleurodictyon lenticulare laurentinum n. var. Quebec, Devonian. **Clarke.** 5454.

Ptiograptus percorrugatus n. gen. et sp. Kentucky, Devonian, *Dendrograptidae*. **Ruedemann.** 6053.

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Verbeekiella n. nom. **Penecke.** 5965.

Zaphrentis palmeri n. sp. Missouri, Carboniferous. **Rowley.** 6052.

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Centrastraea sablensis n. sp. Russia.
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Elasmophyllia robusta n. sp. Asiatic Turkey. **Felix.** 5576.

Eugyra pontica n. sp. Russia.
Karakaš. 5748.

Favia nn. spp. Russia. **Karakaš.** 5748.

Isastraea nn. spp. Russia. **Karakaš.** 5748.

— *fascigera* n. sp. Asiatic Turkey. **Felix.** 5576.

Latimeandraraea duboisi n. sp. Russia.
Karakaš. 5748.

Phyllocoenia fromenteli n. sp. Russia.
Karakaš. 5748.

Rhabdophyllia baali n. sp. Asiatic Turkey. **Felix.** 5576.

Stephanocoenia melkarthi n. sp. Asiatic Turkey. **Felix.** 5576.

Styliina nn. spp. Asiatic Turkey.
Felix. 5576.

Stylocoenia n. sp. Russia. **Karakaš.** 5748.

0831.80 CAENOZOIC (TERTIARY)
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Astrocoenia foliacea var. *lobata* n. var. Ceram. **Dollfus.** 5525.

Caryophyllia sebastiana n. sp. Central and South America. **Steinmann & Wilckens.** 6189.

Isis hamiltoni n. sp. New Zealand.
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Oculina mississippiensis var. *patagonica*.
Buenos Aires. **Angelis d'Ossat (De).** 5296.

Prionastraea verbeekii n. nom.
Dollfus. 5525.

0831.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Bosnopsammia katzeri n. gen. et sp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.

Stylocoenia epithecata n. sp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.

0831.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Favia humei n. sp. Egypt. **Gregory.** 5644.

Leptastraea barroni n. sp. Egypt.
Gregory. 5644.

Orbicella mellahica n. sp. Egypt.
Gregory. 5644.

Prionastraea lyonsi n. sp. Egypt.
Gregory. 5644.

Solenastraea elliptica n. sp. Egypt.
Gregory. 5644.

Styliina tetramera n. sp. Egypt.
Gregory. 5644.

Stylocoenia tuberculata n. sp. Egypt.
Gregory. 5644.

1031 ECHINODERMATA.

1031.39 GENERAL.

GENERAL.

Strand. 6173. Echinodermata (mit Einschluss der fossilen) für 1899, 1900, 1905 und 1906.

SPECIAL.

Acrosalenia colemani n. sp. Madagascar. **Cottreau.** 5490.

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Lonchoerinus n. gen. **Jaekel**. 5729.

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Proholopis n. gen. **Jaekel**. 5729.

Pseudolopis n. gen. **Jaekel**. 5729.

1031.50 LOWER PALAEozoic.

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Slocom. 6132. New crinoids from the Chicago area.

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Achradocrinus patulus n. sp. Illinois, Niagaran limestone. **Slocom.** 6132.

Botryocrinus. **Bather**. 5326.

Camarocrinus. **Sardeson**. 6060.

Ilabrocrinus nn. spp. Illinois, Niagaran limestone. **Slocom.** 6132.

Platyerinus angusta n. sp. Illinois, Niagaran limestone. **Slocom.** 6132.

Polydithus n. gen. nom. et spp. Minnesota, Ordovician. **Sardeson**. 6060.

Stephanocrinus nn. spp. Illinois, Niagaran limestone. **Slocom.** 6132.

Thysanocrinus campanulatus n. sp. Illinois, Niagaran limestone. **Slocom.** 6132.

Zaphocrinus nn. spp. Illinois, Niagaran limestone. **Slocom.** 6132.

1031.55 UPPER PALAEozoic.

Batocrinus curiosus n. sp. Missouri, Carboniferous. **Rowley**. 6052.

Botryocrinus. **Bather**. 5326.

Codonites stelliformis cactus n. var. Missouri, Carboniferous. **Rowley**. 6052.

Coenocystis richardsoni n. gen. et sp. n. Texas, Guadalupian. **Girty**. 5622.

Cyathocrinus elongatus. **Bolivia**. **Knod**. 5768.

Leptoileucus corrugatus n. gen. et sp. Missouri, Carboniferous. **Rowley**. 6052.

Platyerinus dudgei n. sp. Missouri, Carboniferous. **Rowley**. 6052.

Poteriocrinus jeffriesi n. sp. Missouri, Carboniferous. **Rowley**. 6052.

Schizoblastus. **Bather**. 5327.

— nn. spp. Indo-Australian Archipel. **Boehm**. 5349.

1031.65 TRIASSIC.

Enerinus. Dobrudscha. **Kittl**. 5766.

1031.70 JURASSIC.

Acrosalenia lemoinei n. sp. Madagascar. **Lambert et Lemoine**. 5793.

Diademopsis helvetica n. sp. Württemberg. **Tornquist**. 6185.

Diplocidaris jacquemeti n. sp. France. **Lambert**. 5788.

Engelda n. gen. Württemberg. **Tornquist**. 6185.

Hemipedina parvula n. sp. Württemberg. **Tornquist**. 6185.

Hypodiadema menuthias n. sp. Madagascar. **Lambert et Lemoine**. 5793.

Palaeopedina sondelfiugensis n. sp. Württemberg. **Tornquist**. 6185.

1031.75 CRETACEOUS.

Acanthechinopsis n. gen. et spp. **Gregory**. 5645.

Asterosoma radieiforme. **Morin**. 5907.

Cassidulus ferganensis n. sp. Fergana. **Faas**. 5567.

Cidaris valettei n. sp. Paris. **Lambert**. 5790.

Circopeltis peroni. Paris. **Lambert**. 5790.

Coptosoma guineensis n. sp. Sinai and Egypt. **Gregory**. 5645.

Cyphosoma beadnelli n. sp. Sinai and Egypt. **Gregory**. 5645.

Diplodetus pyrenaicus n. sp. Haute-Garonne. **Lambert**. 5787.

Echinobrissus (Nucleolites) n. sp. Fergana. **Faas**. 5567.

— *tauricus* n. sp. Russia. **Karakas**. 5748.

Echinocorys tercensis n. sp. Haute-Garonne. **Lambert**. 5787.

Echinoidea. England. **Sherborn**. 6111.

Echinolampas feiranensis n. sp. Sinai and Egypt. **Gregory**. 5645.

Epiaster nn. spp. N. E. Africa. **Kossmat**. 5778.

Garumnaster michaleti n. gen. et sp. Haute-Garonne. **Lambert**. 5787.

Glypticus lamberti. **Sequin**. 6100.

Goniopygus nn. spp. Haute-Garonne. **Lambert.** 5787.

Hemaster semidec. n. sp. N. E. Africa. **Kossmat.** 5778.

Heterodiadema bigranulatum n. sp. Sinai and Egypt. **Gregory.** 5645.

Holctypus proximus n. sp. Haute-Garonne. **Lambert.** 5787.

Linthia bazarquci n. sp. Haute-Garonne. **Lambert.** 5787.

Micraster. France. **Grosseto.** 5623.

Micropedina bipartitella n. sp. Sinai and Egypt. **Gregory.** 5645.

Micropsis cerizolsensis n. sp. Haute-Garonne. **Lambert.** 5787.

Nucleopygus carezi n. sp. Haute-Garonne. **Lambert.** 5787.

Phymosoma nn. spp. Haute-Garonne. **Lambert.** 5787.

Plesiolampas paquieri n. sp. Central Africa. **Lambert.** 5786.

Protobrissus mortensenii n. gen. et sp. Haute-Garonne. **Lambert.** 5787.

Rachiosoma lorioli n. sp. Haute-Garonne. **Lambert.** 5787.

Salenia paquieri n. sp. Haute-Garonne. **Lambert.** 5787.

Thylechinus nn. spp. Sinai and Egypt. **Gregory.** 5645.

1031.80 CAENOZOIC (TERTIARY (GENERAL).

Weaver. 6233. New echinoids from the Tertiary of California.

SPECIAL.

Clypeaster bowersi n. sp. California, Tertiary. **Weaver.** 6233.

Linthia (?) *californica* n. sp. California, Tertiary. **Weaver.** 6233.

Schizaster (?) *stalderi* n. sp. California, Tertiary. **Weaver.** 6233.

Scutella perrini n. sp. California, Tertiary. **Weaver.** 6233.

1031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Cidaris branneri n. sp. California, Oligocene. **Arnold.** 5309.

— *merriami* n. sp. California, Eocene. **Arnold.** 5309.

Dorocidaris bazarquci n. sp. Haute-Garonne. **Lambert.** 5791.

Echinanthus angustipinnatus n. sp. Haute-Garonne. **Lambert.** 5791.

Echinidae. France. **Baquié.** 5315.

Brissospatangus humei n. sp. Egypt. **Fourtau.** 5583.

Echinolampas subcyathindricus var. *rojanensis* n. var. Egypt. **Fourtau.** 5583.

Euspatangus cleopatrae n. sp. Egypt. **Fourtau.** 5583.

Salenia (Pleurosalenia) cristata n. sp. Egypt. **Fourtau.** 5583.

Schizaster vicinalis var. *libycus* n. var. Egypt. **Fourtau.** 5543.

1031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

GENERAL.

Stefanini. 6149. Echini fossili del miocene medio dell' Emilia.

SPECIAL.

Amphiura sanctaeruciae n. sp. California, Miocene. **Arnold.** 5310.

Cidaris scarabellii. Lombardia. **Nelli.** 5920.

Clypeaster capellini. Lombardia. **Nelli.** 5920.

Echinocyamus n. sp. Sicilia. **Checchia-Rispoli.** 5440.

Echinolampas. Italy. **Fabiani.** 5569. — n. sp. et var. Lombardia. **Nelli.** 5920.

— *ugolinii* n. sp. **Stefanini.** 6148.

Echinus batheri n. sp. Sicilia. **Checchia-Rispoli.** 5440.

Eupatagus nn. spp. et nomin. San Marino. **Nelli.** 5920.

Pliolampas titanensis n. sp. San Marino. **Nelli.** 5920.

Psammechinus manzonii n. sp. Lombardia. **Nelli.** 5920.

Scutella airaghii n. sp. Lombardia. **Nelli.** 5920.

Scutellina (Porpitella) alexati n. sp. Asie centrale. **Cottreau et Alexat.** 5491.

Spatangus nn. spp. Sicilia. **Checchia-Rispoli.** 5440.

Sphaerechinus scillae. Sicilia. **2031.50** *LOWER PALAEozoic.*
Checcchia-Rispoli. 5440. **GENERAL.**

Tristomastus lecointseae n. sp. Touraine. **Lambert.** 5789.

1031.95 PLEISTOCENE AND RECENT.

Pericosmus timorensis n. sp. Timor. **Lambert.** 5792.

1831 VERMES.

1831.55 UPPER PALAEozoic.

Spirorbis latissimus n. sp. Quebec. Devonian. **Clarke.** 5454.

— *texanus* n. sp. Texas. Guadalupian. **Girty.** 5622.

Tentaculites nn. spp. Quebec, Devonian. **Clarke.** 5454.

1831.70 JURASSIC.

Serpula rotundoquadrata n. sp. Germany. **Krause.** 5780.

1831.75 CRETACEOUS.

GENERAL.

Weigner. 6236. Studien im Gebiete der Cenomanbildungen von Podolien. 1. Die Fauna der Cenomanen Sande von Nizniew. (Polish.)

SPECIAL.

Serpula markmani n. sp. Colorado, Cretaceous. **Henderson.** 5673.

1831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Polychaeta. Holland. **Leriche.** 5815.

1831.90 UPPER CAENOZOIC (MIocene, PLIOCENE).

Annelida. **Douville.** 5536.

Serpula subnummulus n. sp. Lombardia. **Nelli.** 5920.

2031 BRACHIOPODA AND BRYOZOA.

BRACHIOPODA.

2031.39 GENERAL.

Strophomenacea. **Jakovlev.** 5732.

Walcott. 6222. Cambrian geology and paleontology. No. 3. Cambrian Brachiopoda: Descriptions of new genera and species. No. 4. Classification and terminology of the Cambrian Brachiopoda.

Schmidt. 6072. Zur Kenntniss der ostbaltischen, vorzüglich untersilurischen, Brachiopoden der Gattungen *Plectambonites* Pand., *Leptaena* Dalm. und *Strophomena* Blainv.

SPECIAL.

Aerothele nn. spp. et var. Sweden, Quebec, United States, Florida, Norway and France. Ordovician and Cambrian. **Walcott.** 6222.

Aerothelinae, Walcott and Schuchert n. subfam. **Walcott.** 6222.

Acrotreta nn. spp. et var. Tennessee, Utah, Oklahoma, Cambrian. **Walcott.** 6222.

Acrotretacea Schuchert, emended. **Walcott.** 6222.

Acrotretinae Walcott and Schuchert n. subfam. **Walcott.** 6222.

Atremata Beecher, emended. **Walcott.** 6222.

Biciniae Walcott and Schuchert n. subfam. **Walcott.** 6222.

Billingssella nn. spp. Wisconsin, British Columbia, Cambrian. **Walcott.** 6222.

Botsfordia ? *barrandei* n. sp. Spain, Cambrian. **Walcott.** 6222.

Clarkella n. gen. Montana, Ordovician. **Walcott.** 6222.

Curticiidae Walcott and Schuchert n. fam. **Walcott.** 6222.

Dearbornia *clarki* n. gen. et sp. Montana, Cambrian. **Walcott.** 6222.

Dicellomus nn. spp. China, Utah, Cambrian. **Walcott.** 6222.

Elkaninae Walcott and Schuchert n. subfam. **Walcott.** 6222.

Eoorthinac n. subfam. **Walcott.** 6222.

Eoorthis n. gen. et spp. Utah, Cambrian. **Walcott.** 6222.

Fordinia n. subgen. **Walcott.** 6222.

Huenella n. gen. et spp. South Australia and Utah, Cambrian. **Walcott.** 6222.

Kutorginacea Walcott and Schuchert n. superfam. **Walcott.** 6222.

Lingula (?) *orata* n. sp. New York, Ordovician. **Cleland.** 5457.

Lingulella nn. spp. et var. United States, Cambrian and Ordovician. **Walcott.** 6222.

Linnarssonella nn. spp. Utah, Cambrian. **Walcott.** 6222.

Mickwitzella n. subgen. **Walcott.** 6222.

Mickwitzia nn. spp. Western United States, Sweden, Cambrian. **Walcott.** 6222.

Micromitra nn. spp. et var. Western United States, Cambrian. **Walcott.** 6222.

Neobolinae Walcott and Schuchert n. subfam. **Walcott.** 6222.

Neotremata Beecher, emended. **Walcott.** 6222.

Nisusia nn. spp. British Columbia and United States, Cambrian. **Walcott.** 6222.

Nisusiinae Walcott and Schuchert n. subfam. **Walcott.** 6222.

Obolacea Schuchert, emended. **Walcott.** 6222.

Obolellidae Walcott and Schuchert n. fam. **Walcott.** 6222.

Obolidae King, emended. **Walcott.** 6222.

Obolinae Dall, emended. **Walcott.** 6222.

Obolus nn. spp. et var. British Columbia, Alberta and Western United States, Cambrian. **Walcott.** 6222.

Orthacea Walcott and Schuchert n. superfam. **Walcott.** 6222.

Paterinidae Schuchert, emended. **Walcott.** 6222.

Pentameracea Schuchert, emended. **Walcott.** 6222.

Pholidostrophia? *parksii* n. sp. Missouri, Silurian. **Rowley.** 6052.

Platystrophia nn. var. Indiana, Ordovician. **Cumings.** 5490.

Protremata Beecher, emended. **Walcott.** 6222.

Rafinesquina alternata ponderosa n. var. Indiana, Ordovician. **Cumings.** 5496.

Redlichella n. subgen. **Walcott.** 6222.

Rustellacea n. superfam. **Walcott.** 6222.

Rustellidae n. fam. **Walcott.** 6222.

Schuchertiidae n. fam. **Walcott.** 6222.

Siphonotretacea Walcott and Schuchert n. superfam. **Walcott.** 6222.

Siphonotretidae Kutorga, emended. **Walcott.** 6222.

Syntrophia nn. spp. Utah, Tennessee, Cambrian. **Walcott.** 6222.

Trematobolus excelsis n. sp. California, Cambrian. **Walcott.** 6222.

Wimanella n. gen. et spp. United States and British Columbia, Cambrian. **Walcott.** 6222.

2031.55 UPPER PALAEozoic.

Kindle. 5762. The fauna and stratigraphy of the Jefferson limestone in the northern Rocky mountain region.

Whitfield. 6244. Carboniferous fossils [Brachiopoda] and semifossil shells [*Asturite borealis* and *Saxicava rugosa*], brought home by members of the Peary expedition of 1905-1906.

Williams. 6249. The Dalmanellas of the Chemung formation, and a closely related new brachiopod genus *Thiimella*.

SPECIAL.

Ambocoelia planiconvexa guadalupensis n. var. Texas, Guadalupian. **Girty.** 5622.

Aretitreta pearyi n. gen. et sp. Grant Land, Carboniferous. **Whitfield.** 6244.

Athyris ambonensis n. sp. Indo-Australischen Archipel. **Boehm.** 5349.

Athyris hexa n. sp. Quebec, Devonian. **Clarke.** 5454.

— *montanensis* n. sp. Montana, Devonian. **Kindle.** 5762.

Atrypa desquamata n. var. Italy. **Gortani.** 5631.

Atrypa spinosa montanensis n. var. Montana, Devonian. **Kindle.** 5762.

Aulosteges n. var. et sp. Texas, Guadalupian. **Girty.** 5622.

Bechia amplexa n. sp. Quebec, Devonian. **Clarke.** 5454.

Camarophorella mutabilis n. gen. et sp. Ohio, Carboniferous. **Hall & Clarke.** 5722.

Camarophoria venusta n. sp. Texas, Guadalupian. **Girty.** 5622.

Chonetes nn. spp. Texas, Guadalupian. **Girty.** 5622.

Chonetes billingsi n. sp. Quebec, Devonian. **Clarke.** 5451.

Chonetes grammifer. **Greene.** 5642.

Composita n. sp. et varr. Texas, Guadalupian. **Girty.** 5622.

Crania nn. spp. Missouri, Carboniferous. **Rowley.** 6052.

Craniella grandigyrinensis n. sp. Quebec, Devonian. **Clarke.** 5454.

Cranoena morsii n. sp. Missouri, Devonian. **Greger.** 5643.

Cryptonella (?) *ellsii* n. sp. Quebec, Devonian. **Clarke.** 5454.

Dalmanella nn. spp. et varr. New York, Devonian. **Williams.** 6249.

Dalmanella penouilli n. sp. Quebec, Devonian. **Clarke.** 5454.

Derbyia emended nn. spp. Texas, Guadalupian. **Girty.** 5622.

Dielasma nn. spp. Texas Guadalupian. **Girty.** 5622.

Dielasma ambonense n. sp. Indo-Australischen Archipel. **Boehm.** 5349.

Enteletes nn. spp. Texas, Guadalupian. **Girty.** 5622.

Gaspesia n. gen. Quebec, Devonian. **Clarke.** 5454.

Geyerella americana. Texas, Guadalupian. **Girty.** 5622.

Glossina acer n. sp. Quebec, Devonian. **Clarke.** 5454.

Hartina indianensis n. sp. Iowa, Carboniferous. **Girty.** 5622A.

Heterelasma n. gen. et spp. Texas, Guadalupian. **Girty.** 5622.

Hustedia n. var. et sp. Texas, Guadalupian. **Girty.** 5622.

Hypothyris (?) *globularis* n. sp. Montana, Devonian. **Kindle.** 5762.

Karpinskyia consuelo n. sp. et varr. Italy. **Gortani.** 5631.

Leiorhynchus matherensis n. sp. Utah, Devonian. **Kindle.** 5762.

Leptodus nn. spp. Texas, Guadalupian. **Girty.** 5622.

Leptostrophia tardiji n. sp. Quebec, Devonian. **Clarke.** 5454.

Lingula nn. spp. Bolivia. **Knod.** 5768.

— nn. spp. Missouri, Devonian (?) Carboniferous. **Rowley.** 6052.

— *elliptica* n. sp. Quebec, Devonian. **Clarke.** 5454.

Martinia nn. spp. Texas, Guadalupian. **Girty.** 5622.

— *triquetra* var. *pentagona* n. var. Central Asiatic Russia. **Gröber.** 5647.

Meekella nn. spp. Texas, Guadalupian. **Girty.** 5622.

Megalanteris thunei n. sp. Quebec, Devonian. **Clarke.** 5454.

Meristella champlaini n. sp. Quebec, Devonian. **Clarke.** 5454.

Notothyris n. sp. et var. Texas, Guadalupian. **Girty.** 5622.

Orcibuloidea limata n. sp. Missouri, Carboniferous. **Rowley.** 6052.

— *montis* n. sp. Quebec, Devonian. **Clarke.** 5454.

Orthis foro-juliensis n. f. Clymenie del Monte Primosio. **Gortani.** 5631.

Orthostrophia canadensis n. sp. Quebec, Devonian. **Clarke.** 5454.

Orthotetes nn. spp. et var. Texas, Guadalupian. **Girty.** 5622.

— Italy. **Gortani.** 5631.

— *woolworthianus* *gaspensis* n. mut. Quebec, Devonian. **Clarke.** 5454.

Pentamerus. Italy. **Gortani.** 5631.

Productus nn. varr. Gera. **Eisel.** 5556.

— nn. spp. et varr. Texas, Guadalupian. **Girty.** 5622.

— *semireticulatus* *arctica* n. var. Grant Land, Carboniferous. **Whitfield.** 6244.

Ptychospira variegata n. sp. S. Africa. **Reed.** 6014.

Pugnax? nn. varr. et spp. Texas, Guadalupian. **Girty.** 5622.

Pugnax? *weeksi* n. sp. Idaho, Carboniferous. **Girty.** 5622A.

Rensselacia montaguensis n. sp. S. Africa. **Reed.** 6017

— *orooides gaspensis* n. var. Quebec, Devonian. **Clarke.** 5454.

Rhipidomella nn. spp. Quebec, Devonian. **Clarke.** 5454.

Rhynchonella nn. spp. Italy. **Gortani.** 5631.

— *longaera* n. sp. Texas, Guadalupian. **Girty.** 5622.

Rhynchopora ambonensis n. sp. Indo-Australischen-Archipel. **Boehm.** 5349.

Scaphiocoelia (?) *africana* n. sp. S. Africa. **Reed.** 6014.

— *africana* var. *elizabethae* n. var. S. Africa. **Reed.** 6017.

Schizophoria? *amii* n. sp. Quebec, Devonian. **Clarke.** 5454.

Schuchertella extensus n. sp. Montana, Devonian. **Kindle.** 5762.

Seminula buck'eyi n. sp. Missouri, Carboniferous. **Rowley.** 6052.

Spirifer mexicanus compactus n. var. Texas, Guadalupian. **Girty.** 5622.

— *modestus nitidulus* n. var. Quebec, Devonian. **Clarke.** 5454.

— *occidentalis* n. sp. Montana, Devonian. **Kindle.** 5762.

— *plano convexus* n. sp. Bolivia. **Knod.** 5768.

Spiriferina nn. spp. Indo-Australischen Archipel. **Boehm.** 5349.

— nn. varr. et spp. Texas, Guadalupian. **Girty.** 5622.

Squamularia nn. varr. Texas, Guadalupian. **Girty.** 5622.

Streptorhynchus nn. spp. Texas, Guadalupian. **Girty.** 5622.

Strophalosia hystriula n. sp. Texas, Guadalupian. **Girty.** 5622.

Stropheodonta n. sp. et nn. mutt. Quebec, Devonian. **Clarke.** 5454.

— *katzeri* n. sp. Bolivia. **Knod.** 5768.

— *rosieri* n. sp. Quebec, Devonian. **Clarke.** 5454.

Strophonella continens n. sp. Quebec, Devonian. **Clarke.** 5454.

Syringothyris arctica n. sp. Grant Land, Carboniferous. **Whitfield.** 6244.

Tegulifera nn. spp. North Eastern United States. Kansas, Carboniferous. **Girty.** 5622A.

Thiemella villenovia n. gen. et sp. New York, Devonian. **Williams.** 6249.

2031.65 TRIASSIC.

Diseina pascui n. f. Dobrudscha. **Kittl.** 5766.

Koninekina productiformis n. f. Dobrudscha. **Kittl.** 5766.

Rhynchonella eupentagona n. f. Dobrudscha. **Kittl.** 5766.

Spiriferina primarialis n. f. Dobrudscha. **Kittl.** 5766.

2031.70 JURASSIC.

GENERAL.

Boden. 5347. Die geologischen Verhältnisse der Veroneser Alpen zwischen der Etsch und dem Tale von Negar.

SPECIAL.

Rhynchonella acutiplicata. Cotteswold. **Buckman.** 5400.

— *selliformis* n. sp. Poland. **Lewinski.**

— *uncinatocostata* n. sp. Germany. **Krause.** 5780.

Spiriferina rostrata var. *madagascariensis* n. var. Madagascar. **Thevenin.** 6180.

Terebratula zieteni var. *quadrata* n. var. Brünn. **Oppenheimer.** 5936.

2031.75 CRETACEOUS.

GENERAL.

Weigner. 6236. Studien im Gebiete der Cenomanbildung von Podolien. I. Die Fauna der cenomanen Sande von Niżmów. (Polish.)

SPECIAL.

Rhynchonella nn. spp. Russia. **Karakas.** 5748.

Terebratella minima n. sp. Russia. **Karakas.** 5748.

— *nataliae* n. sp. Central Russia. **Chimenkov, V.** 5445.

Zeilleria nn. spp. Russia. **Karakas.** 5748.

BRYOZOA.

2031.50 LOWER PALAEZOIC.

Bythopora ulrichi n. sp. Gothland. **Hennig.** 5676.

Callopora frondosa n. sp. Indiana, Ordovician. **Cumings.** 5490.

— nn. spp. Gothland. **Hennig.** 5676.

Ceramopora nn. spp. Gothland. **Hennig.** 5676.

Crepiflora lunariata n. sp. Gothland. **Hennig.** 5676.

Cyclotrypann. spp. Gothland. **Hennig.** 5676.

Eridotrypa nn. spp. Gothland. **Hennig.** 5676.

Fistulipora nn. spp. Gothland. **Hennig.** 5676.

Homotrypa constellariformis n. sp. Indiana, Ordovician. **Cumings.** 5490.

Mesotrypa suprasilurica n. sp. Gothland. **Hennig.** 5676.

Monotrypa gotlandica n. sp. Gothland. **Hennig.** 5676.

Prasopora gotlandica n. sp. Gothland. **Hennig.** 5676.

Spatiopora nn. spp. Gothland. **Hennig.** 5676.

2031.55 UPPER PALAEZOIC.

Acanthocladia guadalupensis n. sp. Texas, Guadalupian. **Girty.** 5622.

Actinotrypa? sera n. sp. Texas, Guadalupian. **Girty.** 5622.

Domopora? nn. spp. Texas, Guadalupian. **Girty.** 5622.

Fenestella nn. spp. Texas, Guadalupian. **Girty.** 5622.

Fistulipora n. sp. et var. Texas, Guadalupian. **Girty.** 5622.

Goniocladia americana n. sp. Texas, Guadalupian. **Girty.** 5622.

Hederella blainvillii n. sp. Quebec, Devonian. **Clarke.** 5454.

Leioclema shumardi n. sp. Texas, Guadalupian. **Girty.** 5622.

Monotrypa raritabulata n. sp. Bolivia. **Knod.** 5768.

Stenopora n. sp. et var. Texas, Guadalupian. **Girty.** 5622.

Thamniscus digitatus n. sp. Texas, Guadalupian. **Girty.** 5622.

2031.75 CRETACEOUS.

Cribrilina nn. spp. England. **Brydone.** 5398.

Eschara rowei n. sp. England. **Brydone.** 5398.

Haploæcia nn. spp. Vendôme. **Filliozat.** 5578.

Membranipora nn. spp. England. **Brydone.** 5398.

Mucronella batheri n. sp. England. **Brydone.** 5398.

Rhagastostoma parvicella n. sp. Vendôme. **Filliozat.** 5578.

Rosselliana crassa n. sp. Vendôme. **Filliozat.** 5578.

Semieschara nn. spp. England. **Brydone.** 5398.

Semimultelea dixoni n. sp. **Lang.** 5796.

Sparsicytis n. gen. et spp. Vendôme. **Filliozat.** 5578.

2031.80 CAENOZOIC (TERTIARY). (GENERAL).

Caberoides n. gen. et spp. Paris. **Canu.** 5415.

Calvetina ventricosa n. gen. et n. sp. Paris. **Canu.** 5415.

Catenicella granulosa n. sp. Paris. **Canu.** 5415.

Diastopora sparsipora n. sp. France. **Canu.** 5414.

Heterocella lerichei n. sp. France. **Canu.** 5414.

Heteropora aquitanica n. sp. France. **Canu.** 5414.

Hippoporina nn. spp. Paris. **Canu.** 5415.

Hippothoa aquitanica n. sp. France. **Canu.** 5414.

Membranipora falloti n. sp. France. **Canu.** 5414.

Meniscopora nn. spp. Paris. **Canu.** 5415.

Pyripora tuberosa n. sp. France. **Canu.** 5414.

Retepora orglandesi n. sp. Paris. **Canu.** 5415.

Rhamphostomella bursaui n. sp.
Paris. **Canu.** 5415.

Schizoporella nuda n. sp. Paris.
Canu. 5415.

Schizostoma n. gen. et spp. Paris.
Canu. 5415.

Smittia (Porella) nn. spp. Paris.
Canu. 5415.

Smittisoma microporum n. gen. et sp.
Paris. **Canu.** 5415.

Taphrostoma spinosum n. gen. et sp.
Paris. **Canu.** 5415.

Tubucellaria punctata n. sp. France.
Canu. 5414.

2031.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Defrancia aspidoides n. sp. Bayern.
Beutter. 5345.

Hornera circumporosa n. sp. Bayern.
Beutter. 5345.

Idmonea nn. spp. Bayern. **Beutter**
5345.

Spiropora idmonoides n. sp. Bayern.
Beutter. 5345.

2031.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

GENERAL.

Arnold. 5308. Geology and oil resources of the Summerland district, Santa Barbara county, California.

SPECIAL.

Fascicularia multiramosa n. sp.
Patagonia. **Steinmann & Wilckens.**
6159.

2231 MOLLUSCA.

2231.75 CRETACEOUS.

GENERAL.

Henderson. 5673. New species of Cretaceous invertebrates from northern Colorado.

Schmidt. 6074. Die Kreidebildungen der Kainach.

Shimer & Blodgett. 6115. The stratigraphy of the Mt. Taylor region, New Mexico.

Weigner. 6236. Studien im Gebiete der Cenomanbildungen von Podolien. I. Die Fauna der cenomanen Sande von Niżniów. (Polish.)

(k-1794)

Wiśniowski. 6262. Ueber die obersenone Flyschfauna von Leszczyny.

2231.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Aldrich. 5284. New Eocene fossils from Alabama and Mississippi.

2231.95 PLEISTOCENE AND
RECENT.
GENERAL.

Lomnicki. 5841. Die Mollusken im pleistocaenem Thon des Mammuthschachtes in Starunia. (Polish.)

CEPHALOPODA.

2231.39 GENERAL.

SPECIAL.

Ammonites. **Diener.** 5520; **Steinmann.** 6157.

Macrocephalites. Indo-Australischer Archipel. **Boehm.** 5348.

2231.50 LOWER PALAEozoic.

Cyrtoceras gracilis n. sp. New York, Ordovician. **Cleland.** 5457.

2231.55 UPPER PALAEozoic.

Aegoceras landui n. sp. Indo-Australischer Archipel. **Boehm.** 5349.

Agathiceras timorense n. sp. Indo-Australischer Archipel. **Boehm.** 5349.

Agathoceras texanum n. sp. Texas, Guadalupian. **Girty.** 5622.

Centroceras nn. spp. **Wedekind.** 6235.

Clymenia nn. spp. Germany. **Wedekind.** 6235.

Cyrtoceras nn. spp. Germany. **Wedekind.** 6235.

— *albani* n. sp. Quebec, Devonian. **Clarke.** 5454.

Daraelites elegans n. sp. Ural. **Černov.** 5433.

Dimeroceras nn. spp. Germany. **Wedekind.** 6235.

Foordoceras n. sp. et var. Texas Guadalupian. **Girty.** 5622.

Gastrioceras? *serratum* n. sp. Texas, Guadalupian. 5622.

Gephyroceras superstes n. sp. Germany. **Wedekind.** 6235.

Gyroceras (?) *hodli* n. sp. Germany. **Wedekind.** 6235.

Harpoceras landrii n. sp. Indo-Australischer Archipel. **Boehm.** 5349.

Kionoceras n. sp. Quebec, Devonian. **Clarke.** 5151.

Medlicottia magnotuberulata n. sp. Ural. **Černov.** 5433.

Nantilus culmenensis n. sp. Oberharz. **Andrée.** 5291.

Orthoceras nn. spp. Germany. **Wedekind.** 6235.

— *guadalupense* n. sp. Texas, Guadalupian. **Girty.** 5622.

— *minimum* n. sp. Missouri, Carboniferous. **Rowley.** 6052.

Paracerasites elegans n. sp. Texas, Guadalupian. **Girty.** 5622.

Parapronorites nn. spp. Ural. **Černov.** 5433.

Poterioseras nn. spp. Germany. **Wedekind.** 6235.

Perisphinctes nn. spp. Indo-Australischer Archipel. **Boehm.** 5349.

Perirockia n. gen. et sp. Texas, Guadalupian. **Girty.** 5622.

Prolobites n. var. et sp. **Wedekind.** 6235.

Tornoceras escofi var. *carnicium* n. var. Clymenie del Monte Primosio. **Gortani.** 5631.

Sporadoceras nn. spp. Germany. **Wedekind.** 6235.

Tornoceras nn. spp. Germany. **Wedekind.** 6235.

Waagenoceras cummingi *guadalupense* n. var. Texas, Guadalupian. **Girty.** 5622.

2231.60 MESOZOIC (GENERAL).

Akidocheilus n. gen. et spp. **Till.** 6183.

Aptychus crassissimus n. sp. Südamerika. **Haupt.** 5667.

Aspidoceras steinmanni n. sp. Südamerika. **Haupt.** 5667.

Gonatocheilus n. gen. et spp. **Till.** 6183.

Hadrocheilus n. gen. et spp. et nom. **Till.** 6183.

Leptocheilus n. gen. et spp. **Till.** 6183.

Neumayrinia pseudoolithica n. sp. Südamerika. **Haupt.** 5667.

Oxynoticeras oxynotum. **Knapp.** 5767.

Perisphinctes argentinus n. sp. Südamerika. **Haupt.** 5667.

2231.65 TRIASSIC.

Areestes (*Parareestes*) nn. ff. et varr. Dobrudscha. **Kittl.** 5766.

Arpalites (*Dittmarites*) *relichi* n. f. Dobrudscha. **Kittl.** 5766.

Atractites paliformis n. f. Dobrudscha. **Kittl.** 5766.

Ceratites compressus. Deutschland. **Fischer.** 5579.

Cladiscites primitivus n. f. Dobrudscha. **Kittl.** 5766.

Clionites (*Protrachyceras*) n. nom et ff. Dobrudscha. **Kittl.** 5766.

Danibites celtoides n. f. Dobrudscha. **Kittl.** 5766.

Dictyconites kongazensis n. f. Dobrudscha. **Kittl.** 5766.

Dobrogeites tirolitiformis n. gen. et sp. Dobrudscha. **Kittl.** 5766.

Gymnites agamemnonis n. sp. Balkan Peninsula. **Frech.** 5587.

Hungarites danubii n. f. Dobrudscha. **Kittl.** 5766.

Ieannites nn. varr. Balkan Peninsula. **Frech.** 5587.

Japonites argivus n. sp. **Frech & Rentz.** 5592.

Joannites nn. ff. Dobrudscha. **Kittl.** 5766.

— *loxohelix* n. sp. **Frech & Rentz.** 5592.

Jovites eusinus n. f. Dobrudscha. **Kittl.** 5766.

Megaphyllites nn. ff. Dobrudscha. **Kittl.** 5766.

Monophyllites nn. ff. Dobrudscha. **Kittl.** 5766.

Nantilus (*Trachynantilus*) *minuens* n. f. Dobrudscha. **Kittl.** 5766.

Orthoceras in crescens n. f. Dobrudscha. **Kittl.** 5766.

Procladiscites pascui n. f. Dobrudscha. **Kittl.** 5766.

Protrachyceras n. var. et f. Dobrudschia. **Kittl.** 5766.

Romites n. gen. et ff. Dobrudschia. **Kittl.** 5766.

Sirenites aesculapii n. sp. Balkan Peninsula. **Frech.** 5587.

Syrinxoceras renzi n. sp. Balkan Peninsula. **Frech.** 5587.

2231.70 JURASSIC.

Aegoceras nn. spp. Ungarn. **Vadász.** 6205.

— *centaurus* var. *bornholmiensis* n. var. Bornholm. **Malling et Grönwall.** 5858.

Ammonites. **Kilian.** 5759; **Renz.** 6028.

— Südwest Neu-Guinea **Rouffaer.** *Posthumus Meyjis*, **Rochemont.** 6051.

Ammonoidea. **Siena.** *Fucini.* 5602.

Area tenuicrenata n. sp. **Cossmann.** 5486.

Arietites nn. spp. Ungarn. **Vadász.**

Aspioceras nn. spp. Donez Jura. **Borisák.** 5355.

Cardioceras bornssicium n. sp. Germany. **Krause.** 5780.

— *lorioli* n. sp. Brunn. **Oppenheimer.** 5936.

— *tenuistriatum* n. sp. Donez Jura. **Borisák.** 5355.

Cosmoceras michalskii n. sp. Donez Jura. **Borisák.** 5355.

Harpoceras (*Grammoceras*, *Hildoceras*) nn. spp. et var. Madagascar. **Thevenin.** 6180.

Hoplites pristiophorus n. sp. Germany. **Krause.** 5780.

Lytoceras n. sp. ind. Ungarn. **Vadász.** 6205.

— *evolutum* n. sp. Ungarn. **Vadász.** 6206.

Macrocephalites. **Kessler.** 5752.

Oppelia (*Taramelliceras*) *gracilis* n. sp. Brunn. **Oppenheimer.** 5936.

Parkinsonia doneziana n. sp. Donez Jura. **Borisák.** 5355.

Peltoceras uhligi n. sp. Brunn. **Oppenheimer.** 5936.

(K-4791)

Perispiriferites nn. spp. Veroneser Alpen. **Boden.** 5347.

— *Lewinski*.

— nn. spp. Brunn. **Oppenheimer.** 5936.

Phylloceras nn. spp. Ungarn. **Vadász.** 6205.

Psioceras baltzeri n. sp. Germany. **Epstein.** 5565.

Quenstedtceras natickini n. sp. Donez Jura. **Borisák.** 5355.

Rhizocerophyllites gigas n. sp. Ungarn. **Vadász.** 6205.

Schlothheimia. England. **Buckman.** 5401.

Wittfeldia nn. spp. Donez Jura. **Borisák.** 5355.

2231.75 CRETACEOUS.

Acanthoceras coloradoensis n. sp. Colorado, Cretaceous. **Henderson.** 5673.

— *tuberculatum* n. sp. Russia. **Karakáš.** 5448.

Acanthodiscus lamberti n. sp. France. **Sayn.** 6064A.

Acanthodiscites nn. spp. Mangyschlak and Caucasus. **Sincov.** 6131.

Ammonites. **Kilian.** 5758.

Astieria nn. spp. Russia. **Karakáš.** 5748.

Baculites. **Novak.** 5930.

Belemnites patagoniensis n. sp. Patagonia. **Favre.** 5574.

Berriasella patagoniensis n. sp. Patagonia. **Favre.** 5574.

Bochianites glaber n. sp. S. Africa. **Kitchin.** 5765.

Costidiscus nodosocostatus n. sp. Russia. **Karakáš.** 5748.

Crioceras nn. spp. Patagonia. **Favre.** 5574.

— nn. spp. Russia. **Karakáš.** 5748.

— *intercostatum* n. sp. Westphalen. **Hasebrink.** 5665.

— *transcaspius* n. sp. Mangyschlak and Caucasus. **Sincov.** 6131.

Desmoceras (*Puzosia*) nn. spp. Russia. **Karakáš.** 5748.

— (*Uhligella*) nn. spp. **Jacob.** 5726.

Duralia erimica n. sp. Russia. **Karakaš.** 5748.

Hamulina nn. spp. Russia. **Karakaš.** 5748.

Hatchericeras stantonense n. sp. Patagonia. **Favre.** 5574.

Heteroceras hauji n. sp. Russia. **Karakaš.** 5748.

Holcodiseus nn. spp. Russia. **Karakaš.** 5748.

Holcostephanus nn. spp. South Africa. **Kitchin.** 5765.

— *hobler hillensis* n. sp. Patagonia. **Favre.** 5574.

Hoplites nn. spp. Russia. **Karakaš.** 5748.

— (*Parahoplites*, *Leymeriella*, *Sonneratia*) nn. spp. **Jacob.** 5726.

Leopoldia nn. spp. Patagonia. **Favre.** 5574.

— nn. spp. France. **Sayn.** 6064a.

Lytoceras nn. spp. Russia. **Karakaš.** 5748.

— (*Tetragonites*, *Kossomatella*) nn. spp. **Jacob.** 5726.

Macroscaphites eichwubli n. sp. Russia. **Karakaš.** 5748.

Nautilus nn. spp. Russia. **Karakaš.** 5748.

— *crassiconcha*. **Vogl.** 6217.

Neocomites nn. spp. Patagonia. **Favre.** 5574.

Neolobites nn. spp. et var. Egypt. **Staff & Eck.** 6142.

Oppelia patagoniensis n. sp. Patagonia. **Favre.** 5574.

Parahoplites nn. spp. Mangyschlak and Kaukasus. **Sincov.** 6131.

Phylloceras nn. spp. Russia. **Karakaš.** 5748.

— *rogersi* n. sp. S. Africa. **Kitchin.** 5765.

Placenticeras simonyi n. sp. N. E. Africa. **Kossmat.** 5778.

Ptyehoceras inostranzevi n. sp. Russia. **Karakaš.** 5748.

Pulchellia nicklesi n. sp. Russia. **Karakaš.** 5748.

Silesites nn. spp. **Jacob.** 5726.

Silesites nn. spp. Russia. **Karakaš.** 5748.

Sonneratia nn. spp. Mangyschlak and Caucasus. **Sincov.** 6131.

Spiriceras. **Kilian.** 5760.

Thurmania nn. spp. et varr. France. **Sayn.** 6064a.

Toxoceras nn. spp. Russia. **Karakaš.** 5748.

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Nautilus nn. spp. Ungarn. **Vogl.** 6217.

GASTROPODA.

2231.39 GENERAL.

Pilsbry. 5983. The genus *Strobilops*.

SPECIAL.

Campanile. **Oppenheim.** 5935.

Vivipara fasciata n. sp. Ober-Elsass. **Voltz.** 6218.

2231.50 LOWER PALAEozoic.

GENERAL.

Raymond. 6012. The Gastropoda of the Chazy formation.

SPECIAL.

Archinacella prendergasti n. sp. England. **Reed.** 6015.

Bellerophon (*Bucanopsis*) *secundus* n. sp. England. **Reed.** 6015.

Bellerophon (*Sinutes*) *crypticus* n. sp. England. **Reed.** 6015.

Clisospira bassleri n. sp. Vermont, Chazy formation. **Raymond.** 6012.

Conularia nn. spp. **Wiman.** 6260.

Eotomaria robertsi n. sp. England. **Reed.** 6015.

Helicotoma whiteavesiana n. sp. Ontario, Aylmer limestone. **Raymond.** 6012.

Holopea (?) nn. spp. New York, Ordovician. **Cleland.** 5457.

Lophospira nn. spp. **Donald.** 5526.

— nn. spp. Eastern United States, Ordovician. **Raymond.** 6012.

Omospira orientalis n. sp. **Donald.** 5526.

Trigyna ulrichi n. gen. et sp. Vermont, Chazy formation. **Raymond.** 6012.

Tryblidium patulum n. sp. New York, Ordovician. **Cleland.** 5457.

2231 55 UPPER PALAEZOIC.

Bellerophon gaspensis n. sp. Quebec, Devonian. **Clarke.** 5454.

— *globosus* n. sp. Bolivia. **Knod.** 5768.

— (*Pleconotus*) *fraternus* n. sp. S. Africa. **Reed.** 6017.

— (*Sphaeroeyclus*) nn. spp. Hungary. **Spitz.** 6139.

Bucania dorsoplana n. sp. Bolivia. **Knod.** 5768.

Bucaniella nn. spp. Bolivia. **Knod.** 5768.

Bulimorpha chrysalis delawarensis n. var. Texas, Guadalupian. **Girty.** 5622.

Conularia n. var. et sp. **Clarke.** 5454.

Cunearia unica n. gen. et sp. Hungary. **Spitz.** 6139.

Cyclonema n. nom. et sp. Hungary. **Spitz.** 6139.

Diaphorostoma perceense n. sp. Quebec, Devonian. **Clarke.** 5454.

Eotomaria cartieri n. sp. Quebec, Devonian. **Clarke.** 5454.

Eotomaria? *rotula* n. sp. Quebec, Devonian. **Clarke.** 5454.

Euconospira obsoleta n. sp. Texas, Guadalupian. **Girty.** 5622.

Euomphalopterus bicarinatus n. sp. Hungary. **Spitz.** 6139.

Euomphalus n. sp. et var. Texas, Guadalupian. **Girty.** 5622.

— (*Morphotropis*) nn. spp. Hungary. **Spitz.** 6139.

— *pinnai* n. sp. Italy. **Gortani.** 5631.

Euphemus? *quebecensis* n. sp. Quebec, Devonian. **Clarke.** 5454.

Hercynella n. var. et sp. Hungary. **Spitz.** 6139.

Holopea nn. spp. Quebec, Devonian. **Clarke.** 5454.

Holopella nn. spp. Hungary. **Spitz.** 6139.

Hyolithus nn. spp. Quebec, Devonian. **Clarke.** 5454.

Loxonema nn. spp. Italy. **Gortani.** 5631.

— nn. spp. Hungary. **Spitz.** 6139.

— *gregaria* n. sp. Bolivia. **Knod.** 5768.

— *inconspicuum* n. sp. Texas, Guadalupian. **Girty.** 5622.

Macrochilina nn. nomm. Hungary. **Spitz.** 6139.

— *modesta* n. sp. Texas, Guadalupian. **Girty.** 5622.

Metoptoma capense n. sp. S. Africa. **Reed.** 6017.

Murchisonia n. nom. et var. et nn. spp. Hungary. **Spitz.** 6139.

Naticopsis nn. spp. Hungary. **Spitz.** 6139.

Omphalotrochus nn. spp. Idaho. Carboniferous. **Girty.** 5622A.

Orthonychia n. var. et nn. spp. Hungary. **Spitz.** 6139.

Orthotheea steinmanni n. sp. Bolivia. **Knod.** 5768.

Palaeoscurria? *capuliformis* n. sp. Hungary. **Spitz.** 6139.

Patella capitanensis n. sp. Texas, Guadalupian. **Girty.** 5622.

Platyceras nn. spp. Quebec, Devonian. **Clarke.** 5454.

— nn. spp. Bolivia. **Knod.** 5768.

— nn. spp. Missouri, Carboniferous. **Rowley.** 6052.

— n. nom. et sp. Hungary. **Spitz.** 6139.

— *pimelillum* n. sp. Clymenie del Monte Primosio. **Gortani.** 5631.

Pleurotomaria nn. spp. et var. Texas, Guadalupian. **Girty.** 5622.

— (*Euryzone*, *Biangularia*, *Stenoloron*, *Phanerotrema*, *Oehlertia*, *Ptychomphalina*) nn. spp. et var. Hungary. **Spitz.** 6139.

— *sulcomarginata leelereqi* n. var. Quebec, Devonian. **Clarke.** 5454.

Polytropis? *barroisi* n. sp. Hungary. **Spitz.** 6139.

Strophostylus nn. spp. Hungary. **Spitz.** 6139.

Tremanotus n. sp. et var. Hungary. **Spitz.** 6139.

Archonema leseuberti n. sp. Quebec, Devonian. **Clarke.** 5454.

Trochus nn. spp. Hungary. **Spitz.** 6139.

Tubina geyeri n. sp. Hungary. **Spitz.** 6139.

Turritoma (?) *tennitilosa* n. sp. **Donald.** 5526.

Warthisa americana n. sp. Texas, Guadalupian. **Girty.** 5622.

Zonidiscus carnius n. gen. et sp. Hungary. **Spitz.** 6139.

2231.60 MESOZOIC (GENERAL).

Acteon andinus n. sp. Südamerika. **Haupt.** 5667.

Capulus argentinus n. sp. Südamerika. **Haupt.** 5667.

2231.65 TRIASSIC.

Aelia gracilis n. sp. Austria. **Häberle.** 5652.

Brochidium salomonii n. sp. Austria. **Häberle.** 5652.

Capulus h. philippi n. sp. Austria. **Häberle.** 5652.

Cerithinella meduacensis n. sp. Valle del Brenta. **Campana (Del).** 5409.

Chilocyclus ventissimus n. sp. Austria. **Häberle.** 5652.

Cirrus nn. spp. Valle del Brenta. **Campana (Del).** 5409.

Colubrella nn. spp. Austria. **Häberle.** 5652.

Encycloscala rombergi n. sp. Austria. **Häberle.** 5652.

Gosseletina richthofeni n. sp. Austria. **Häberle.** 5652.

Hyalina reussi. Austria. **Schlosser.** 6069.

Kokenella glaberior n. f. Dobrudsha. **Kittl.** 5766.

Loxonema katosiroides n. sp. Austria. **Häberle.** 5652.

Naticella j. böhmi n. sp. Austria. **Häberle.** 5652.

Neritopsis n. sp. Valle del Brenta. **Campana (Del).** 5409.

Omphalopterha nn. spp. Austria. **Häberle.** 5652.

Palaeotriton j. *waltheri* n. sp. Austria. **Häberle.** 5652.

Proterula kittli n. sp. Austria. **Häberle.** 5652.

Pseudomurchisonia kokeni n. sp. Südtirol. **Wittenberg.** 6265.

— *schmidti*. **Wittenberg.** 6263.

Pupa oriformis. Austria. **Schlosser.** 6069.

Turbo lemkei n. sp. **Wittenberg.** 6263.

Umbonium bütschlii n. sp. Austria. **Häberle.** 5652.

Worthenia nn. spp. Austria. **Häberle.** 5652.

2231.70 JURASSIC.

Alaria gothica n. sp. Germany. **Krause.** 5780.

Collonia praecursor n. sp. **Cossmann.** 5486.

Conorhytis n. gen. **Cossmann.** 5486.

Planorbis spissus n. sp. **Cossmann.** 5486.

Trochus nn. spp. Germany. **Krause.** 5780.

— *delaunayi* n. sp. **Cossmann.** 5486.

Valvata delaunayi n. sp. **Cossmann.** 5486.

Zygopleura (?) benoisti n. sp. **Cossmann.** 5486.

2231.75 CRETACEOUS.

Aporrhais nn. spp. **Karakas.** 5748.

Ataphrus graniformis n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Calliomphalus pellati n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Capulus spangleri n. sp. Colorado, Cretaceous. **Henderson.** 5073.

Chemopus (Cypbosolen) tuberosus n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Dialinostoma (?) pellati n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Limnaea remota n. sp. S. Africa. **Kitchin.** 5765.

Microschiza pellati n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Natica (?) nn. spp. S. Africa. **Kitchin.** 5765.

Natica (?) *picteti* n. sp. Russia. **Karakas.** 5748.

Nerinea (Ptygmatis) micromorpha n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Nerita capduri n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Neritodoma dolichostoma n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Neritopsis rothpletzi n. sp. Russia. **Karakas.** 5748.

— *spiraliorenata* n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Phaneroplyxis pellati n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Pleurotomaria nn. spp. Russia. **Karakas.** 5748.

Psen lomelania nn. spp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Pseudonerinea gardonensis n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Rothpletzella barremica n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Scalaria eichwaldi n. sp. Russia. **Karakas.** 5748.

Solarium pompeekji n. sp. Russia. **Karakas.** 5748.

Trochonerita n. subgen. **Cossmann.** 5487.

Trochus nn. spp. Russia. **Karakas.** 5748.

Turbo nn. spp. S. Africa. **Kitchin.** 5765.

— *(Paraturbo) heptagoniatus* n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Turritella magna n. sp. Russia. **Karakas.** 5748.

— *pescaderensis* n. sp. California. **Arnold.** 5309.

— *whitei stantoni* n. var. New Mexico. **Shimer & Blodgett.** 6115.

Tylostoma taurica n. sp. Russia. **Karakas.** 5748.

Vanikoropsis exerta n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Volutilithes. **Newton.** 5923.

Volutoderma ? *elatworthyi* n. sp. Colorado. **Henderson.** 5673.

2231.80 CAENOZOIC (TERTIARY) (GENERAL).

Bogačev. Quelques faits nouveaux de la distribution géologique des Spaniodontelles. (Russe.)

SPECIAL.

Chorus nordenskjöldi n. sp. Central and S. America. **Steinmann & Wilckens.** 6159.

Cominella obesa var. *huegina* n. var. Central and S. America. **Steinmann & Wilckens.** 6159.

Gibbula lehmanu-nitschei n. sp. Central and S. America. **Steinmann & Wilckens.** 6159.

Hemichenopus n. gen. Central and S. America. **Steinmann & Wilckens.** 6159.

Nassa nn. spp. Central and S. America. **Steinmann & Wilckens.** 6159.

Siphonalia iheringi n. sp. Central and S. America. **Steinmann & Wilckens.** 6159.

Struthiolarella n. subgen. Central and S. America. **Steinmann & Wilckens.** 6159.

Turbo marshalli n. sp. New Zealand. **Thomson.** 6182.

Turbanilla huegina n. sp. Central and S. America. **Steinmann & Wilckens.** 6159.

Volutilithes. **Newton.** 5923.

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Acteon pomilius multannulatus n. var. Alabama, Eocene. **Aldrich.** 5284.

Aporrhais koeneni n. sp. Jutland. **Grönwall et Harder.** 5649.

Architectonica lorenzoensis n. sp. California, Oligocene. **Arnold.** 5309.

Cancellaria ? *sotoensis* n. sp. Mississippi, Eocene. **Aldrich.** 5284.

Cerithium nn. spp. Jutland. **Grönwall et Harder.** 5649.

— *(Pyrazus, Gourmya, Verlagus, Batillaria)* nn. spp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.

Fasciolaria ramondi n. sp. Florida, Oligocene. **Maury.** 5873.

Fissurella perrini n. sp. California, Eocene. **Arnold.** 5039.

Fusus nn. spp. California, Oligocene. **Arnold.** 5309.

— *cimbrius* n. sp. Jutland. **Grönwall et Harder.** 5649.

Hipponyx carpenteri n. sp. California, Eocene. **Arnold.** 5309.

Lirofusus ashleyi n. sp. California, Oligocene. **Arnold.** 5309.

Uathildia fenestrata n. sp. Jutland. **Grönwall et Harder.** 5649.

Melanatria bosniaca n. sp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.

Melania pavlovi n. sp. Jutland. **Grönwall et Harder.** 5649.

Mitromorpha eocenensis n. sp. Alabama, Eocene. **Aldrich.** 5283.

Natica (*Naticina*, *Megatylotus*) nn. spp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.

Odontostoma undiferum var. *laevior*. n. var. Jutland. **Grönwall et Harder.** 5649.

Patella mattoensis n. sp. California, Eocene. **Arnold.** 5309.

Pleurotoma nn. spp. California, Oligocene. **Arnold.** 5309.

Pyrazisinus harrisi n. sp. Florida, Oligocene. **Maury.** 5873.

Scalaria mörcchi n. sp. Jutland. **Grönwall et Harder.** 5649.

Sigaretus erectoides n. sp. Mississippi, Eocene. **Aldrich.** 5284.

Strepsidura californica n. sp. California, Oligocene. **Arnold.** 5309.

Tritonium newmani n. sp. California, Eocene. **Arnold.** 5309.

Turbo johnstrupi n. sp. Jutland. **Grönwall et Harder.** 5649.

Turbonilla harderi n. sp. Jutland. **Grönwall et Harder.** 5649.

Turcicula santacruzana n. sp. California, Oligocene. **Arnold.** 5309.

Turritella medioconcava n. sp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.

2231.90 *UPPER CAENOZOIC (MIOCENE, PLIOCENE).*

Agasoma nn. spp. California, Miocene. **Arnold.** 5309.

Cancellaria menadensis n. sp. **Schepman.** 6068.

Cerithium nn. spp. **Schepman.** 6068.

Chlorostoma stantoni lahondaensis n. var. California, Miocene. **Arnold.** 5309.

Chrysodomus stantoni n. sp. California, Pliocene. **Arnold.** 5309.

Clausilia leobersdorffensis n. sp. Austria. **Troll.** 6194.

— *randeckiana* n. sp. Germany. **Kranz.** 5779.

Clava ikei. **Schepman.** 6068.

Conus fennemai n. sp. **Schepman.** 6068.

Craspedopoma hundmanni n. sp. Austria. **Troll.** 6194.

Cypraea martini n. sp. **Schepman.** 6068.

Drillia nn. spp. **Schepman.** 6068.

Epitonium atwoodi n. sp. Alaska. **Dall.** 5500.

Fusus portolensis n. sp. California, Miocene. **Arnold.** 5309.

— *stanfordensis* n. sp. California, Miocene. **Arnold.** 5309.

Helix nn. spp. Austria. **Schlosser.** 6069.

— (*Gonostoma*) *subphacodes* n. sp. Germany. **Kranz.** 5779.

— *leobersdorffensis* n. sp. Austria. **Troll.** 6194.

Hemicyclo nn. var. Kanarien. **Boettger.** 5351.

Hydrobia wenzi n. sp. Mainz. **Boettger.** 5352.

Leucochroa enemerichi n. sp. Mainz. **Boettger.** 5352.

Lymnaea florissantica n. sp. Colorado, Miocene. **Cockerell.** 5470.

Melanatria fluminiformis n. sp. Austria. **Troll.** 6194.

Nassa nn. spp. **Schepman.** 6068.

— *gatticensis* n. sp. Italy. **Martinelli.** 5866.

Natica celebensis. Schepman. 6068.
tobelisens menadensis. Schepman. 6068.

Planorbis n. sp. et var. Hungary. Lörenthay. 5836.

Pyrgula formosa n. sp. Austria. Troll. 6194.

Thais trancosana n. sp. California, Pliocene. Arnold. 5309.

Turbo fennemai n. sp. Schepman. 6068.

Turridula nn. spp. Schepman. 6068.

Turritella. Pologne. Friedberg. 5594.

Wingeastonia n. nom. Schepman. 6068.

2231.95 PLEISTOCENE AND RECENT.

GENERAL.

Caziot & Maury. 5430. Mollusques terrestres postpliocènes trouvés dans une poche du terrain jurassique au Monte Carlo.

Dall. 5499. New species of mollusks from the Pacific coast of the United States, with notes on other mollusks from the same region.

Schepman. 6068. Mollusken aus posttertiären Schichten von Celebes.

SPECIAL.

Columbella (Anachis) arnoldi n. nom. **Dall.** 5499.

Helix nn. spp. France. **Caziot & Maury.** 5432.

— (Eulota) *fruticum* var. *perdepressa* n. var. St. Pierre les Elbeuf. **Germain.** 5613.

Paludestrina limnaeiformis n. sp. France. **Caziot.** 5429.

Paludina diluviana. Germany. **Hennig.** 5677.

Tritonofusus kelseyi n. sp. California, Pleistocene. **Dall.** 5499.

PELECYPODA.

2231.39 GENERAL.

Myopholas n. gen. et spp. **Douvillé.** 5535.

2231.45 PALAEZOIC GENERAL.

Williams. 6250. Revision of the mollusk genus *Pterinea* Goldfuss.

SPECIAL.

Actinopterella valialis n. gen. emended. **Williams.** 6250.

Cornellites n. gen. **Williams.** 6250.

Follmannella n. gen. **Williams.** 6250.

Pterinea laevis Goldfuss. emended. **Williams.** 6250.

Tolmaia n. gen. **Williams.** 6250.

2231.50 LOWER PALAEZOIC.

Edmondia (?) *arenata* n. sp. New York, Ordovician. **Cleland.** 5457.

2231.55 UPPER PALAEZOIC.

Actinopteria fronsacia n. sp. Quebec, Devonian. **Clarke.** 5454.

— *ulrichi* n. sp. Bolivia. **Knod.** 5768.

Allorisma nn. spp. Italy. **Airaghi.** 5280.

Amniogenia boliviensis n. sp. Bolivia. **Knod.** 3768.

Anthracomyia. England. **Watson.** 6231.

Astartella nasuta n. sp. Texas, Guadalupian. **Girty.** 5622.

Ariculipeeten nn. spp. Texas, Guadalupian. **Girty.** 5622.

Aviculopeeten nn. spp. Quebec, Devonian. **Clarke.** 5454.

— *semicostatus*. **Hind.** 5689.

Buchiola subpalmata n. sp. S. Africa. **Reed.** 6014.

Camptoneectes ? nn. spp. Texas, Guadalupian. **Girty.** 5622.

Carbonicola nn. spp. Germany. **Schmidt.** 6071.

Cleidophorus pallasi delawarensis n. var. Texas, Guadalupian. **Girty.** 5622.

Ctenodonta nn. spp. Bolivia. **Knod.** 5768.

Cypricardinia ? *contracta* n. sp. Texas, Guadalupian. **Girty.** 5622.

Edmondia ? *bellula* n. sp. Texas, Guadalupian. **Girty.** 5622.

— *clymeniae* n. sp. Clymenie del Monte Primosio. **Gortani.** 5631.

Gerrilia elipsoidalis n. sp. Italy. **Airaghi.** 5280.

Grammysia montana n. sp. S. Africa. **Reed.** 6017.

— *oriformis* n. sp. Bolivia. **Knod.** 5768.

Jancia? *jallae* n. sp. Bolivia. **Knod.** 5768.

Leptodonius? *fontinalis* n. sp. S. Africa. **Reed.** 6017.

Limatulina striatostriata n. sp. Texas, Guadalupian. **Girty.** 5622.

Limoplera rosieri n. sp. Quebec, Devonian. **Clarke.** 5454.

Lunularium concavum n. sp. Quebec, Devonian. **Clarke.** 5454.

Macrodon hohmanni n. sp. Bolivia. **Knod.** 5768.

— *taramellii* n. sp. Clymenie del Monte Primosio. **Gortani.** 5631.

Megambonia denysia n. sp. Quebec, Devonian. **Clarke.** 5454.

Modiella modiola n. sp. Quebec, Devonian. **Clarke.** 5454.

Modiomorpha baini Sharp n. var. S. Africa. **Reed.** 6017.

Myoconcha n. sp. et var. Texas, Guadalupian. **Girty.** 5622.

Myophoria subtrigonata n. sp. Italy. **Airaghi.** 5280.

Nucula nigella n. sp. S. Africa. **Reed.** 6017.

Nuculana nn. spp. S. Africa. **Reed.** 6017.

Nuculites nn. spp. et var. S. Africa. **Reed.** 6017.

Palaeonodonta sphenoides n. sp. Germany. **Schmidt.** 6071.

Parallelodon nn. spp. Texas, Guadalupian. **Girty.** 5622.

Pernipecten? *obliquus* n. sp. Texas, Guadalupian. **Girty.** 5622.

Pernopeeten? *marbuti* n. sp. Misouri, Carboniferous. **Rowley.** 6052.

Plagiostoma deltoidem n. sp. Texas, Guadalupian. **Girty.** 5622.

Pleurophoroides delawarensis n. sp. Texas, Guadalupian. **Girty.** 5622.

Posidonia primosica n. sp. Clymenie del Monte Primosio. **Gortani.** 5631.

Posidoniella pseudogibbosa n. sp. Italy. **Airaghi.** 5280.

Posidonomya incerta n. sp. Italy. **Airaghi.** 5280.

Protrete texana n. gen. et n. sp. Texas, Guadalupian. **Girty.** 5622.

Pteria nn. spp. Texas, Guadalupian. **Girty.** 5622.

Pterinea (Actinodesma) carnica n. sp. Italy. **Gortani.** 5631.

Sanguinalites nn. spp. S. Africa. **Reed.** 6014.

Solenopsis bokkeveldensis n. sp. S. Africa. **Reed.** 6017.

Streblopteria subrotunda n. sp. Italy. **Airaghi.** 5280.

2231.60 MESOZOIC (GENERAL).

Astarte nn. spp. Singapore. **Newton.** 5922.

— *guthrieensis* n. var. Singapore. **Newton.** 5922.

Cucullaea scrivenori n. sp. Singapore. **Newton.** 5922.

Gervillia hanitschi n. sp. Singapore. **Newton.** 5922.

Goniomya nn. spp. Singapore. **Newton.** 5922.

Lucina neuquensis n. sp. Südamerika. **Haupt.** 5667.

Solenomya neocomiensis n. sp. Südamerika. **Haupt.** 5667.

2231.65 TRIASSIC.

Actaeoninia gipsata n. sp. **Zeller.** 6302.

Anoplophoria montis flurii n. sp. **Zeller.** 6302.

Ariolopecten di-stefanoi n. sp. **Mariani.** 5861.

Daonella anastasiini n. sp. Dobrudtscha. **Kittl.** 5766.

Edentula castelli n. sp. **Wittenburg.** 6263.

Gervillia murchisoni Ostthüringen. **Kolesch.** 5777.

— *substriata* var. *temnicostata* n. var. **Zeller.** 6302.

Lima nn. spp. Lombardia. **Mariani.** 5861.

Latona paronii n. sp. Valle del Brenta. **Campana** (Del). 5409.

Myophoria nn. var. **Zeller**. 6302.

— *tommasii* n. sp. Lombardia. **Mariani**. 5861.

Mysidiophtera n. var. et sp. **Mariani**. 5861.

— *georense* n. sp. Südtirol. **Wittenburg**. 6264.

Nucula inflata n. sp. India. **Wittenburg**. 6266.

Pecten nn. spp. Lombardia. **Mariani**. 5861.

— nn. spp. Südtirol. **Wittenburg**. 6263, 6264, 6265.

— *kokensi* n. sp. India. **Wittenburg**. 6266.

Prospondylus taramellii n. sp. Lombardia. **Mariani**. 5861.

Pseudomonotis nn. spp. India. **Wittenburg**. 6263, 6266.

— *ritensis* n. sp. Südtirol. **Wittenburg**. 6264.

Turbo griseus n. sp. Südtirol. **Wittenburg**. 6264.

2231 70 JURASSIC.

GENERAL.

Boden. 5347. Die geologischen Verhältnisse der Veroneser Alpen zwischen der Etsch und dem Tale Negrar.

Cossmann. 5488. Description de quelques Pélecypodes jurassiques de France.

SPECIAL.

Anisocardia nn. spp. Germany. **Krause**. 5780.

Anomia nn. spp. Germany. **Krause**. 5780.

Astarte lalmenti. **Cossmann**. 5488.

Anella nn. spp. Timan and Spitzbergen. **Sokolov**. 6136.

Avicula nn. spp. Germany. **Krause**. 5780.

Ceromya madagascariensis n. sp. Madagascar. **Thevenin**. 6180.

Chlamys nn. spp. **Cossmann**. 5486.

Clathrolima lalmenti n. gen. et sp. **Cossmann**. 5489.

Corbis crassirugata n. sp. **Cossmann**. 5488.

Cythere castortoides n. sp. Madagascar. **Thevenin**. 6180.

Dimyodon. Great Britain. **Grönwall**. 5648.

Erooggra serrata n. sp. Germany. **Krause**. 5780.

Lima nn. spp. **Cossmann**. 5486.

— *Limatula* nn. spp. Germany. **Krause**. 5780.

— *Plagiostoma coelanapum* n. sp. Madagascar. **Thevenin**. 6180.

Limatula ruratacea n. sp. **Cossmann**. 5488.

Lima nucleus n. sp. **Cossmann**. 5488.

Lithiarimus icis n. sp. **Cossmann**. 5488.

Lima scaphularia n. sp. Germany. **Krause**. 5780.

Myocardia nn. spp. Bornholm. Malling et **Grönwall**. 5858.

Opis parvocardimata n. sp. Madagascar. **Thevenin**. 6180.

— *palla* n. sp. Germany. **Krause**. 5780.

Pecten amboinensis n. sp. Madagascar. **Thevenin**. 6180.

— *Entolium gothicum* n. sp. Germany. **Krause**. 5780.

— *parolinii* n. sp. Canal di Brenta. **Campana** (Del). 5498.

Phacnodysnia cuneiformis n. sp. Germany. **Krause**. 5780.

Pholadomya baltica n. sp. Germany. **Krause**. 5780.

Placunopsis patelliformis n. sp. Germany. **Krause**. 5780.

Protocardium nn. spp. Germany. **Krause**. 5780.

Solen radiatas n. sp. Germany. **Krause**. 5780.

Thraedit decoloris n. sp. Germany. **Krause**. 5780.

Trapezium suetti nom. nout. **Cossmann**. 5486.

2231.75 CRETACEOUS.

Atrypa nn. spp. **Toucas**. 6186.

Anatina doddii n. sp. Colorado, Cretaceous. **Henderson**. 5673.

Anthonya cantiana n. sp. England. **Woods.** 6273.

— *lineata* n. sp. S. Africa. **Kitchin.** 5765.

Astarte nn. spp. England. **Woods.** 6273.

Aucella zyrianica n. sp. Timan et Spitzbergen. **Sokolov.** 6136.

Avicula alata n. sp. Russia. **Karakas.** 5748.

Cardita capduri n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

— *upwarensis* n. sp. England. **Woods.** 6273.

Cardium nn. spp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Corbis nn. spp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Crassatellites divisicostis n. sp. England. **Woods.** 6273.

Cyclopellalia acerodonta n. gen. et sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Cyprina bronzeensis n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

— *reichwaldi* n. sp. Russia. **Karakas.** 5748.

Inoceramus dimidius labiatoides n. var. New Mexico, Cretaceous. **Shimer & Blodgett.** 6115.

Lima vignendensis n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Maetra ? *dubia* n. sp. S. Africa. **Kitchin.** 5765.

— *stantoni* n. sp. California, Cretaceous. **Arnold.** 5309.

Meretrix uitenhagensis n. sp. S. Africa. **Kitchin.** 5765.

Monopleura biassalica n. sp. Russia. **Karakas.** 5748.

Mytilus Arcomytilus pallasi n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

— *uitenhagensis* n. sp. S. Africa. **Kitchin.** 5765.

Neocoelites nn. spp. et var. France. **Sayn.** 6064.

Nucula uitenhagensis n. sp. S. Africa. **Kitchin.** 5765.

Opis haldanensis n. sp. England. **Woods.** 6273.

Ostrea. **Jukes-Brown.** 5745; **Péron.** 5975.

Panopaea truncata n. sp. Russia. **Karakas.** 5748.

Parallelodon (Nemodon) gardonense n. sp. Brouzet-les-Alais. **Cossmann.** 5487.

Pecten concentrico-squamosus n. sp. Central Russia. **Chimenkov.** 5445.

— *khobensis* n. sp. Russia. **Karakas.** 5748.

Perna allardi n. sp. Brouzet-les-Alais (Gard.). **Cossmann.** 5487.

Pinna patagoniensis n. sp. Patagonia. **Favre.** 5574.

Plicatula taurica n. sp. Russia. **Karakas.** 5748.

Praeradiolites nn. spp. **Toucas.** 6186.

Sphaera globula n. sp. Russia. **Karakas.** 5748.

Tancredia schwarzi n. sp. S. Africa. **Kitchin.** 5765.

Thetironia oblonga n. sp. S. Africa. **Kitchin.** 5765.

Trapezium ? *tatei* n. sp. S. Africa. **Kitchin.** 5765.

Trigonia nn. spp. S. Africa. **Kitchin.** 5765.

Unio uitenhagensis n. sp. S. Africa. **Kitchin.** 5765.

Yoldia supramonteregensis n. sp. California, Miocene. **Arnold.** 5309.

2231 80 CAENOZOIC (TERTIARY) (GENERAL).

Bogačev. 5354. Quelques faits nouveaux de la distribution géologique des Spaniodontelles. (Russe.)

SPECIAL.

Anodonta nordenskjöldi n. sp. Central and S. America. **Steinmann & Wilckens.** 6159.

Cardita elegantoides var. *fuegina* n. var. Central and S. America. **Steinmann & Wilckens.** 6159.

2231 85 LOWER CAENOZOIC EOCENE, OLIGOCENE).

Anodonta cornelliana n. sp. Louisiana, Oligocene. **Maury.** 5873.

Area lignitifera n. sp. Alabama, Eocene. **Aldrich.** 5284.

Axius regularis n. sp. Jutland.
Grönwall et Harder. 5649.

Cardita reginae n. sp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.

Cardium cooperi lorenzatum n. var. California, Oligocene. **Arnold.** 5309.

Corbula clarkeana n. sp. Alabama, Eocene. **Aldrich.** 5284.

Kellia interstriata n. sp. Mississippi Eocene. **Aldrich.** 5284.

Lepton vaughani n. sp. Alabama, Eocene. **Aldrich.** 5284.

Lima testis n. sp. Jutland. **Grönwall et Harder.** 5649.

Limopsis minima n. sp. Jutland. **Grönwall et Harder.** 5649.

Malletia chehalensis n. sp. California, Oligocene. **Arnold.** 5309.

Nucula dalli n. sp. California, Oligocene. **Arnold.** 5309.

Ostrea (Gryphaea) katzeri n. sp. Ostbosnien und Herzegowina. **Oppenheim.** 5309.

Pecten sericeus n. sp. Jutland. **Grönwall et Harder.** 5649.

Perna bosniaca n. sp. Ostbosnien und Herzegowina. **Oppenheim.** 5934.

Semele gayi n. sp. California, Eocene. **Arnold.** 5309.

Tellima antiqua n. sp. Jutland. **Grönwall et Harder.** 5649.

Tellina lorenzoensis n. sp. California, Oligocene. **Arnold.** 5309.

Teredo rugaardensis n. sp. Jutland. **Grönwall et Harder.** 5649.

Unio? nn. spp. Louisiana, Oligocene. **Maury.** 5873.

Verticordia granuloides n. sp. Alabama, Eocene. **Aldrich.** 5284.

2231.90 LOWER CAENOZOIC (MIOCENE, PLIOCENE).

Amusiopecten nn. spp. Sardegna. **Ugolini.** 6200.

Amussium scrobiculatum n. sp. **Schepman.** 6068.

Area nn. var. Italy. **Cerulli-Irelli.** 5437.

Arcicardium nn. spp. Russia. **Andrusov.** 5294.

Cardita intermedia var. *globulosa* n. var. Italy. **Cerulli-Irelli.** 5437.

Cardium vaquerensis n. sp. California, Miocene. **Arnold.** 5309.

Chlamys celebensis. **Schepman.** 6068.
 ————— *flexuosa* var. *trisulcata* n. var. Italy. **Cerulli-Irelli.** 5437.

Glycymeris branneri n. sp. California, Miocene. **Arnold.** 5309.

Leda vahillensis n. sp. California, Miocene. **Arnold.** 5309.

Mactra montereiana n. sp. California, Miocene. **Arnold.** 5309.

Moliola martini n. sp. **Schepman.** 6068.

Monia nn. spp. et var. Italy. **Cerulli-Irelli.** 5437.

Ostrea leopolitana n. sp. **Niedzwiedzki.** 5924.

Pecten (Aequipecten) scutariensis n. sp. European Turkey. **Vetters.** 6212.

————— *medius* Linn. Italy. **Bellini.** 5330.

————— *vasseli*. Deutschland. **Koert.** 5775.

Pectinidae. **Savornin.** 6064.

Periploma sanctaeerueis n. sp. California, Miocene. **Arnold.** 5309.

Pupilla eumeces mut. *maxima* n. mut. Mainz. **Boettger.** 5352.

Radula lians var. *transiens* n. var. Italy. **Cerulli-Irelli.** 5437.

Spondylus manzoni n. sp. Lombardia. **Nelli.** 5920.

Unio (Iridea, Dysnomia) nn. spp. Südrussland. **Andrusov.** 5295.

————— *trinitensis* n. sp. **Dubois.** 5547.

Venericardia montereiana n. sp. California, Miocene. **Arnold.** 5309.

Yoldia submontereensis n. sp. California, Miocene. **Arnold.** 5309.

————— *supramontereensis* n. sp. California, Miocene. **Arnold.** 5309.

2231.95 PLEISTOCENE AND RECENT.

Tapes aureus var. *cemiensis* n. var. Central Europe. **Nordmann.** 5928.

Unio kinkelini n. sp. Germany. **Haas.** 5651.

AMPHINEURA.

2231.55 UPPER PALAEZOIC.

Oymatocisites? texanus n. sp. Texas, Guadalupeian. **Girty.** 5622.

Probolaeum? canadense n. sp. Quebec, Devonian. **Clarke.** 5154.

SCAPHOPODA.

2231.70 JURASSIC.

Leptolites n. gen. spp. **Richardson.** 5638.

2231.85 HOWEI (CAENOZOIC EOCENE, OLIGOCENE).

Dentalium gracile n. sp. Jutland. **Grönwall et Harder.** 5649.

2431 ARTHROPODA INCLUDING INSECTA.

2431.39 GENERAL.

Blattinopsis illa regalis n. gen. et sp. Stéphanien de Commentry. **Meunier.** 5888.

2431.55 UPPER PALAEZOIC.

Archaeomegalitus kiefferi n. sp. Commentry. **Meunier.** 5892.

Archimylacris laevicollis n. sp. Stéphanien de Commentry. **Meunier.** 5891.

Archimylacris desaillyi n. sp. Pas-de-Calais. **Leriche.** 5816.

Cockerellia peromapteroides n. gen. et sp. Stéphanien de Commentry. **Meunier.** 5891.

Cochlearia crenulissima n. sp. Stéphanien de Commentry. **Meunier.** 5893.

Dae glomylaebris jacobsi n. sp. **Meunier.** 5889.

Diaphanoptera superba n. sp. Commentry. **Meunier.** 5892.

Fayoliella elongata n. gen. et sp. Stéphanien de Commentry. **Meunier.** 5893.

Foriria maculata n. sp. Commentry. **Meunier.** 5892.

Homoptera. N. Staffordshire. **Woodward.** 6283.

Klebsiella existincta n. gen. et sp. Stéphanien de Commentry. **Meunier.** 5893.

Microdictya n. spp. Stéphanien de Commentry. **Meunier.** 5891.

— *trilobatus* n. sp. Stéphanien de Commentry. **Meunier.** 5893.

Procapoblatta schusteri n. gen. et sp. Germany. **Schuster.** 6087.

Sphaerastera trispicaria n. sp. Stéphanien de Commentry. **Meunier.** 5893.

Stenolictya theromini n. sp. Stéphanien de Commentry. **Meunier.** 5891.

Stobbsia (— *Lithomantis*) *woodwardiana* n. gen. et sp. **Handlirsch.** 5660.

Synsiphlebia dourvillei n. sp. **Meunier.** 5889.

2431.70 JURASSIC.

Piroutetia lissina n. gen. et sp. Arçures (Jura). **Meunier.** 5887.

2431.75 CRETACEOUS.

Lyygobidae n. fam. Montana, Cretaceous. **Mitchell.** 5900.

Lyygobius knowltoni n. gen. et sp. Montana, Cretaceous. **Mitchell.** 5900.

2431.80 CAENOZOIC (TERtiARY GENERAL).

Brues. 5396. New phytophagous Hymenoptera from the Tertiary of Florissant, Colorado.

Rohwer. 6043. The Tenthredinoidea of the Florissant shales.

— 6044. The Tertiary Tenthredinoidea of the expedition of 1908 to Florissant, Colo.

Wickham. 6245. New fossil Elateridae from Florissant.

SPECIAL.

Agonius sexipunctatus n. sp. Colorado, Florissant. **Cockerell.** 5464.

Carabites kincaidi n. sp. Wyoming, Green River shales. **Cockerell.** 5461.

Ceratobates n. spp. Colorado, Florissant. **Wickham.** 6245.

Dicranomyia rhodolitha n. sp. Wyoming, Green River shale. **Cockerell.** 5464.

Dineura cockerelli n. sp. Colorado, Florissant shales. **Rohwer.** 6043.

— *fuscipennis* n. sp. Colorado, Florissant shales. **Rohwer.** 6044.

Embia florissantensis n. sp. Colorado, Florissant. **Cockerell.** 5464.

Euallagma florissantella n. sp. Colorado, Florissant. **Cockerell.** 5464.

Ephemera howarthi n. sp. Colorado, Florissant. **Cockerell.** 5464.

Eriocampa bruesi n. sp. Colorado, Florissant shales. **Rohwer.** 6014.

Hirmoneura nn. spp. Colorado, Florissant Miocene. **Cockerell.** 5464.

Lisconeura n. gen. Colorado, Florissant shales. **Rohwer.** 6043.

Melanactes cockerelli n. sp. Colorado, Florissant. **Wickham.** 6245.

Melanagrion nigerrimum n. sp. Colorado, Florissant. **Cockerell.** 5464.

Mellinus handlirschi n. sp. Colorado, Florissant shales. **Rohwer.** 6045.

Neurotoma cockerelli n. sp. Colorado, Florissant shales. **Rohwer.** 6043.

Nortonella typica n. gen. et sp. Colorado, Florissant shales. **Rohwer.** 6044.

Paleotaxonus trivittatus n. sp. Colorado, Florissant shales. **Rohwer.** 6043.

Pison nn. sp. Colorado and Prussia, Oligocene and Miocene. **Rohwer.** 6042.

Platypedia primigenia n. sp. Colorado, Florissant. **Cockerell.** 5464.

Pseudoeimex clavatus n. gen. et sp. Colorado, Florissant shales. **Rohwer.** 6043.

Superba (?) submersa n. sp. Colorado, Florissant, Miocene. **Cockerell.** 5464.

Schizocerus konowi n. sp. Colorado, Florissant shales. **Rohwer.** 6044.

Tenthredo saxorum n. sp. Colorado, Florissant shales. **Rohwer.** 6044.

Zaitha encaenia n. sp. Colorado, Florissant, Miocene. **Cockerell.** 5464

2431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE)

Brachystoma gracilis n. sp. Ambre de la Baltique. **Meunier.** 5890.

Cupes. Peyerimhoff. 5977.

Cuthyneuriella longirostris n. sp. Ambre de la Baltique. **Meunier.** 5890.

Drapetilla definitum n. gen. et sp. Ambre de la Baltique. **Meunier.** 5890.

Drapetis nn. spp. Ambre de la Baltique. **Meunier.** 5890.

Empis nn. spp. Ambre de la Baltique. **Meunier.** 5890.

Hemerodromia detestata n. sp. Ambre de la Baltique. **Meunier.** 5890.

Hilara nn. spp. Ambre de la Baltique. **Meunier.** 5890.

Hybos nn. spp. Ambre de la Baltique. **Meunier.** 5890.

Lepidomyia vaga n. sp. Ambre de la Baltique. **Meunier.** 5890.

Leptopeza concinna n. sp. Ambre de la Baltique. **Meunier.** 5890.

Meghyperiella porphyropsoides n. sp. Ambre de la Baltique. **Meunier.** 5890.

Microphorus putidus n. sp. Ambre de la Baltique. **Meunier.** 5890.

Oedalea robusta n. sp. Ambre de la Baltique. **Meunier.** 5890.

Palaeoleptopeza gracilis n. sp. Ambre de la Baltique. **Meunier.** 5890.

ParathalassIELLA problematica n. sp. Ambre de la Baltique. **Meunier.** 5890.

Phoneustica nn. spp. Ambre de la Baltique. **Meunier.** 5890.

Phyllodromia nn. spp. Ambre de la Baltique. **Meunier.** 5890.

Platypalpus concitatus n. sp. Ambre de la Baltique. **Meunier.** 5890.

Rages generosa n. sp. Ambre de la Baltique. **Meunier.** 5890.

Rhamphomyia nn. spp. Ambre de la Baltique. **Meunier.** 5890.

Tachydromia nn. spp. Ambre de la Baltique. **Meunier.** 5890.

Trichopeza longicornis n. sp. Ambre de la Baltique. **Meunier.** 5890.

2431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

GENERAL.

Cockerell. 5469. Fossil *Cercopidae* (Homoptera).

SPECIAL.

Aeschna solida. **Cockerell.** 5468.

Anabrus caudelli n. sp. Colorado, Miocene. **Cockerell.** 5471.

Asilus klebsi n. sp. Ambre de la Baltique. **Meunier.** 5894.

Cecidomyia (?) *pontaniiformis* n. sp. Colorado, Miocene. **Cockerell.** 5471.

Cyphosoma askenasyi n. sp. Germany. Deutschland. **Engelhardt & Kinkelin.** 5564.

Dineura laminarum n. sp. Colorado, Miocene. **Brues.** 5396.

Dryobioides miocenicus n. sp. Beutenmüller & Cockerell. Colorado, Miocene. **Cockerell.** 5471.

Dysagriioninae n. subfam. **Cockerell.** 5471.

Eriocampa scudderii n. sp. Colorado, Miocene. **Brues.** 5396.

Eriophyes (?) *beutenmülleri* n. sp. Colorado, Miocene. **Cockerell.** 5471.

Hirmoneura occultator n. sp. Colorado, Miocene. **Cockerell.** 5473.

Lithogryllites lutzii n. gen. et sp. Colorado, Miocene. **Cockerell.** 5471.

Macrophyia perveusta n. sp. Colorado, Miocene. **Brues.** 5396.

Megaxyela petrefacta n. sp. Colorado, Miocene. **Brues.** 5396.

Necrodes primaevus n. sp. Beutenmüller & Cockerell. Colorado, Miocene. **Cockerell.** 5471.

Nymphalites scudderii n. sp. Beutenmüller & Cockerell. Colorado, Miocene. **Cockerell.** 5471.

Palaeorehnia maculata n. gen. et sp. Colorado, Miocene. **Cockerell.** 5467.

Palaeotaxonus typicus n. gen. et sp. Colorado, Miocene. **Brues.** 5396.

Panorpa arctiformis. Colorado, Miocene. **Cockerell.** 5471.

Paremphytus ostentus n. gen. et sp. Colorado, Miocene. **Brues.** 5396.

Phenacolestes n. gen. et spp. Colorado, Miocene. **Cockerell.** 5471.

Phenacoperga n. gen. Colorado, Miocene. **Cockerell.** 5476.

Phora nn. spp. Colorado, Miocene. **Brues.** 5397.

Phymatodes volans n. sp. Beutenmüller & Cockerell. Colorado, Miocene. **Cockerell.** 5471.

Polystoechotes piperatus n. sp. Colorado, Miocene. **Cockerell.** 5471.

Pteronus prodigus n. sp. Colorado, Miocene. **Brues.** 5396.

Scolioneura rexabilis n. sp. Colorado, Miocene. **Brues.** 5396.

Tenthredo nn. spp. Colorado, Miocene. **Brues.** 5396.

Trichiosomites obliuiosus n. gen. et sp. Near Zarea, Colorado, Miocene. **Brues.** 5396.

2431.95 PLEISTOCENE AND RECENT.

Eleodes nn. spp. California, Quaternary. **Grinnell.** 5646.

Pterostichus vermiculosus. Isthmus Karelicus. **Lindberg.** 5828.

2631 CRUSTACEA.

2631.39 GENERAL.

Alessandri (De). Contribuzione allo Studio dei cirripedi della Francia. Milano, 1907.

2631.45 PALAEozoic (GENERAL).

Ulrich & Bassler. 6202. New American Paleozoic Ostracoda. Preliminary revision of the *Beyrichiidae*, with descriptions of new genera.

SPECIAL.

Beyrichia McCoy, emend. n. nom et spp. United States. **Ulrich & Bassler.** 6202.

Hollina n. gen. **Ulrich & Bassler.** 6202.

Jonesina n. gen. **Ulrich & Bassler.** 6202.

Kirkbyina n. gen. **Ulrich & Bassler.** 6202.

Kloedenella n. gen., sp. et. nn. varr. **Ulrich & Bassler.** 6202.

Kloedenellinae n. subfam. **Ulrich & Bassler.** 6202.

Kloedenenia nn. spp. North America. **Ulrich & Bassler.** 6202.

Scofieldia n. gen. **Ulrich & Bassler.** 6202.

Steusloffia n. subgen. **Ulrich & Bassler.** 6202.

Trepostella n. gen. **Ulrich & Bassler.** 6202.

2631.50 LOWER PALAEozoic.

Ribicaria turgida n. sp. New York, Ordovician. **Cleland.** 5457.

2631.70 JURASSIC.

Baird. *a* nn. spp. Schwaben. **Issler.** 5725.

Calianassa subtilis n. sp. Germany. **Krause.** 5780.

2631.75 CRETACEOUS.

GENERAL.

Rathbun. 6010. Fossil crabs from California.

SPECIAL.

Archaeopus antennatus n. gen. et sp. California. **Rathbun.** 6010.

Cytherura cretæ n. sp. Bavaria. **Egger.** 5555.

Enoploclytia leachi. Saxony. **Wanderer.** 6225.

Meyeria schwarzii n. sp. S. Africa. **Kitchin.** 5765.

Pollicipes concinna n. sp. Norfolk. **Woodward.** 6285.

Scalpellum attenuatum n. sp. Norfolk. **Woodward.** 6285.

2631.80 CAENOZOIC (TERTIARY) (GENERAL).

Cardita benhami n. sp. New Zealand. **Thomson.** 6182.

2631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Galeropsis ristorii n. sp. Bagheria. **Checcia-Rispoli.** 5443.

2631.90 UPPER CAENOZOIC PLEISTOCENE AND RECENT.

GENERAL.

Rathbun. 6010. Fossil crabs from California.

SPECIAL.

Branchiolumbrus altus n. gen. et sp. California, Miocene. **Rathbun.** 6010.

Cancer fissus n. sp. California, Miocene. **Rathbun.** 6010.

Cythere nn. spp. Sopron. **Méhes.** 5877.

Cythereis nn. spp. Sopron. **Méhes.** 5877.

Cytheridea nn. spp. Sopron. **Méhes.** 5877.

Cytherideis longissima n. sp. Sopron. **Méhes.** 5877.

(K-4794)

Darwinula dadayi n. sp. Sopron. **Méhes.** 5877.

Krithe n. sp. et var. Sopron. **Méhes.** 5877.

Loxoconcha. Sopron. **Méhes.** 5877.

2631.95 PLEISTOCENE AND RECENT.

Brehm. 5370. Die geographische Verbreitung der Copepoden und ihre Beziehung zur Eiszeit.

2831 XIPHOSURA, EURIPTE-RIDA, TRILOBITA.

2831.45 PALAEozoic (GENERAL).

Enerinurus. **Vogdes.** 6216.

2831.50 LOWER PALAEozoic.

GENERAL.

Raymond & **Narraway.** 6013. Ordovician trilobites, *Illaenidae* from the Black river limestone near Ottawa, Canada.

Walcott. 6222. Cambrian geology and paleontology. No. 2. Cambrian trilobites.

SPECIAL.

Agnostus nn. spp. Britain. **Lake.** 5785.

— *pisiformis.* **Mordziol.** 5905.

Albertella n. gen. et spp. British Columbia and Montana, Cambrian. **Walcott.** 6222.

Ampyx incurvus n. sp. Ayrshire. **Reed.** 6016.

Asaphus nn. spp. **Wiman.** 6260.

Bathyuriscus ornatus n. sp. British Columbia, Cambrian. **Walcott.** 6222.

Bathyurus (?) *levis* n. sp. New York, Ordovician. **Cleland.** 5457.

Bumastus nn. spp. Eastern Canada, Ordovician. **Raymond** & **Narraway.** 6013.

Burlingia hectori n. gen. et sp. British Columbia, Cambrian. **Walcott.** 6222.

Burlingidae n. fam. **Walcott.** 6222.

Calymene nn. spp. Ayrshire. **Reed.** 6016.

— *blumenbachi* var. *drum-muckensis* n. var. **Reed.** 6016.

o

Chasmops wesenbergenensis var. *appalaciana* n. var. **Wiman.** 6260.

Chuirurus (*Sphaerocoryphe*) *thomsoni* n. sp. Ayrshire. **Reed.** 6016.

Cybele loveni var. *girvanensis* n. var. Ayrshire. **Reed.** 6016.

Holometopus nitens n. sp. **Wiman.** 6260.

Illeenus latiaciatus n. sp. Ontario and New York, Ordovician. **Raymond & Narraway.** 6013.

— *memorabilis* n. sp. Ayrshire. **Reed.** 6016.

— *mirus* n. sp. **Wiman.** 6260.

Lichapye? *problematica* n. sp. Ayrshire. **Reed.** 6016.

Lichas botniensis n. sp. **Wiman.** 6260.

— *Platyliechias* *grayi* var. *seoticus* n. var. Ayrshire. **Reed.** 6016.

Neolemus nn. spp. et var. Utah, Cambrian. **Walcott.** 6222.

Oryctocara yeilkei n. gen. et sp. Idaho, Cambrian. **Walcott.** 6222.

Phacops (*Chasmops*) *bisseti* n. sp. Ayrshire. **Reed.** 6016.

Synphysurus apolonica n. sp. Bolivia. **Lake.** 5784.

Trinucleus boliviensis n. sp. Bolivia. **Lake.** 5784.

Zacanthoides idahoensis n. sp. Idaho, Cambrian. **Walcott.** 6222.

2831.55 UPPER PALAEZOIC.

Zimmermann. 6303. Das Palaeozoicum bei Görlitz und die Auffindung devonischer Trilobiten daselbst.

SPECIAL.

Acaste nn. spp. Bolivia. **Knod.** 5768.

— nn. spp. Rhein. **Richter.** 6039.

Acidaspis aries n. sp. Rhein. **Richter.** 6039.

Anisopyge antiqua n. gen. et sp. Texas, Guadalupian. **Girty.** 5622.

Brometus alpinus n. sp. Italy. **Gortani.** 5631.

Ceratocephala robinia n. sp. Quebec, Devonian. **Clarke.** 5454.

Cordania gasepiou n. sp. Quebec, Devonian. **Clarke.** 5454.

Cryphacis nn. spp. Rhein. **Richter.** 6039.

Dalmanites nn. spp. Quebec, Devonian. **Clarke.** 5454.

— *böhmi* n. sp. Bolivia. **Knod.** 5768.

Dechenella nn. spp. Clymenie del Monte Primosio. **Gortani.** 5631.

— n. sp. Rhein. **Richter.** 6039.

Drevermannia uradica n. gen. et n. sp. Rhein. **Richter.** 6039.

Lichas nn. spp. Quebec. Devonian. **Clarke.** 5454.

— *beryllifera* n. sp. Rhein. **Richter.** 6039.

Phacops loganii gaspensis n. var. Quebec, Devonian. **Clarke.** 5454.

Phillipsia straton-porteri n. sp. Missouri, Carboniferous. **Rowley.** 6052.

Proetus tenuimargo n. sp. Rhein. **Richter.** 6039.

Trimerococephalus (*Microrththalmus*, *Extrimerococephalus*) n. subgen. et spp. et denom. Clymenie del Monte Primosio. **Gortani.** 5631.

3431 MYRIOPODA.

3431.95 PLEISTOCENE AND RECENT.

Julus nn. spp. California, Quaternary. **Grinnell.** 5646.

Spirobolus australis n. sp. California, Quaternary. **Grinnell.** 5646.

5231 VERTEBRATA.

5231.39 GENERAL.

Tetrapoda. **Schwarz.** 6089.

5431 PISCES.

5431.55 UPPER PALAEZOIC.

GENERAL.

Ward & Stobbs. 6230. A newly discovered fish bed in the Cheadle Coalfield; with notes on the distribution of fossil fishes in that district.

SPECIAL.

Asterolepidae. Britain. **Traquair.**
6192.

Cladodus compressus n. nom. **Branson.** 5366.

— *urbis-ludovici* n. sp. Kentucky, Devonian. **Eastman.** 5551.

Coelacanthus welleri n. sp. Iowa, Carboniferous. **Eastman.** 5552.

Conchodus variabilis n. sp. Iowa, Devonian. **Eastman.** 5551.

Dinichthys intermedius. Ohio. Devonian. **Branson.** 5367.

— *terrelli*. **Branson.** 5368.

Dipterus nn. spp. Iowa, Devonian. **Eastman.** 5551.

Edestus karpinskijii n. sp. Kolonna. Missunianka. 5899.

Elonichthys denticulatus n. sp. Flintshire. **Traquair.** 6191.

Gyracanthus primaevus n. sp. New York, Devonian. **Eastman.** 5551.

Myriolepis hibernica. Irish. **Woodward.** 6276.

Palaeophichthys parvulus n. gen. et sp. Illinois, Carboniferous. **Eastman.** 5551.

Rhadinichthys deani n. sp. Kentucky, Carboniferous. **Eastman.** 5551.

Synthetodus calvini n. sp. Iowa, Devonian. **Eastman.** 5551.

5431.60 MESOZOIC (GENERAL).

Lepidotus. **Priem.** 6003.

5431.65 TRIASSIC.

Ceratodus ornatus n. sp. S. Africa. **Broom.** 5388.

Cleithrolepis minor n. sp. S. Africa. **Broom.** 5388.

Dictyopyge formosa n. sp. S. Africa. **Broom.** 5388.

Helichthys n. gen. et spp. S. Africa. **Broom.** 5388.

Hybodus africanus n. sp. S. Africa. **Broom.** 5388.

Hydropesum kannemeyeri n. gen. et sp. S. Africa. **Broom.** 5388.

Oxygnathus browni n. sp. S. Africa. **Broom.** 5388.

(K-4794)

Pholidophorus browni n. sp. S. Africa. **Broom.** 5388.

— *faceii* n. sp. Carnia. **Gortani.** 5632.

Saurichthys. Germany. **Hennig.** 5678.

5431.70 JURASSIC.

Ceratodus. Australia. **Woodward.** 6274.

Myriacanthus paradoxus. Lyme Regis. **Woodward.** 6280.

Notidanus subrecurvus n. sp. Brünn. **Oppenheimer.** 5936.

Otolithus bornholmiensis n. sp. Bornholm. **Malling et Grönwall.** 5858.

5431.75 CRETACEOUS.

Calamopleurus testitus n. sp. Brazil, Cretaceous. **Jordan & Branner.** 5744.

Cearana rochae n. gen. et sp. Brazil, Cretaceous. **Jordan & Branner.** 5744.

Enneles andax n. gen. et sp. Brazil, Cretaceous. **Jordan & Branner.** 5744.

Gyrodus picteti n. sp. Russia. **Karakas.** 5748.

Tharrhias araripis n. gen. et sp. Brazil, Cretaceous. **Jordan & Branner.** 5744.

5431.80 CAENOZOIC (TERTIARY) (GENERAL).

Elasmobranchii. Patagonia. **Leriche.** 5814.

5431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Amia. **Leriche.** 5817.

Ancistrodon nn. var. **Priem.** 6002.

Otolithus nn. spp. Paris. **Priem.** 6001.

— *(Apogoninarum) boulei* n. sp. Paris. **Priem.** 6001.

— *orbicularis* n. sp. Paris. **Priem.** 6001.

— *(Arius) lerichei* n. sp. Paris. **Priem.** 6001.

— *(Congeris) papoointi* n. sp. Paris. **Priem.** 6001.

— *(Dentex) dubius* n. sp. Paris. **Priem.** 6001.

— *(Ophidiidurum) kokeni* n. sp. Paris. **Priem.** 6001.

Otolithus (*Percidarum*) *angustus* n. sp. Paris. **Priem.** 6001.
 ——— *concarus* n. sp. Paris. **Priem.** 6001.
 ——— *obtusus* n. sp. Paris. **Priem.** 6001.
 ——— *Serranus* *bourloti* n. sp. Paris. **Priem.** 6001.
 ——— *Siluridarum* *incertus* n. sp. Paris. **Priem.** 6001.
 ——— (*Sparidarum*) *lemoinei* n. sp. Paris. **Priem.** 6001.
 ——— *seuragei* n. sp. Paris. **Priem.** 6001.
 ——— (*Trachini*) *thevenini* n. sp. Paris. **Priem.** 6001.
Sciaenidarum *mauehei* n. sp. Montpellier. **Leriche.** 5813.
Trigonodon n. var. et sp. **Priem.** 6002.

5431.90 *UPPER CAENOZOIC (MIOCENE, PLIOCENE).*
 GENERAL.

Bassani. 5319. Su alcuni avanzi di pesci nell'arenaria glauconiosa delle isole Tremiti.

SPECIAL.

Anguilla vulgaris. Limburg. **Reid, C. & Reid, E. M.** 6022.

Cetorhinus. Anvers. **Leriche.** 5809.

Chrysophrys gervasi. Rhône. **Leriche.** 5812.

Elasmobranchii. Anjou and Touraine. **Leriche.** 5810.

Esox lucius. Limburg. **Reid, C. & Reid, E. M.** 6022.

Leuciscus erythrophthalmus. Limburg. **Reid, C. & Reid, E. M.** 6022.

Pasterostens aculeatus. Limburg. **Reid, C. & Reid, E. M.** 6022.

Perca fluviatilis. Limburg. **Reid, C. & Reid, E. M.** 6022.

Teleostei. Anjou and Touraine. **Leriche.** 5810.

Tinea vulgaris? Limburg. **Reid, C. & Reid, E. M.** 6022.

5431.95 *PLEISTOCENE AND RECENT.*

Gasterosteus doryssus Jordan. **Jordan.** 5743.

5631 **REPTILIA AND BATRACHIA.**

5631.38 *FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.*

Broili. 5374. Die rhachitomien Wirbel der Stegocephalen.

5631.39 *GENERAL.*

Hay. 5672. The fossil turtles of North America.

Huene. 5715. Zur Beurteilung der Sauropoden.

Lull. 5853. The cranial musculature and the origin of the frill in the ceratopsian dinosaurs.

Moodie. 5901. The ancestry of the caudate Amphibia.

Williston. 6256. North American plesiosaurs. *Trinacromerum.*

SPECIAL.

Dinosauria. **Huene.** 5719.

Theromorpha. **Arldt.** 5304.

5631.55 *UPPER PALAEZOIC.*

Case. 5424. Vertebrate fossils from the vicinity of Pittsburgh, Pennsylvania. [Bones and fragments of Amphibia and Reptilia from the Pennsylvanian formation (Carboniferous).]

Williston. 6254. The Cotylosauria.

——— 6255. "The oldest known reptile"—*Isodectes punctulatus* Cope.

SPECIAL.

Calibrachion. **Huene.** 5718.

Dissorophus multicinctus = *D. articulatus*. **Moodie.** 5904.

Hortalotarsus. S. Africa. **Broom.** 5381.

Ichnium nn. spp. Deutschland. **Pabst.** 5948.

Isodectes copei n. nom. Ohio, Carboniferous. **Williston.** 6255.

Labidosaurus hamatus. Texas. **Broili.** 5375.

Lysorophus tricarinatus. **Broili.** 5373.

——— *tricarinatus*, skull. **Case.** 5423.

——— *tricarinatus*. **Williston.** 6253. 6257.

Ophiderpetontidae n. fam. ex *Aistopoda*. **Schwarz.** 6090.

Oxyodon britannicus n. gen. et sp. **Huene.** 5717.

Rhinesuchus whaitsi n. sp. S. Africa. **Broom.** 5386.

Sauravus costei. France, Carboniferous. **Williston.** 6255.

Tetraheraps insignis n. gen. et sp. Texas, Permian. **Matthew.** 5871.

Therocephalia. **Broom.** 5385.

5631.60 MESOZOIC (GENERAL).

Dinosaurus. Ostafrika. **Fraas.** 5586.

Ichthyosaurus. **Branca.** 5305.

Mesosaurus tenuidens. **Vaillant.** 6208.

5631.65 TRIASSIC.

GENERAL.

Abel. 5267. Ein neuer Reptilientypus aus der Triasformation Ungarns.

Huene. 5717. Neue und verkannte Pelycosaurier-Reste aus Europa.

Merriam. 5883. Triassic Ichthyosauria, with special reference to the American forms.

SPECIAL.

Alopeodon rugosus n. gen. et sp. S. Africa. **Broom.** 5384.

Bauria cynops n. gen. et sp. S. Africa. **Broom.** 5389.

Capitosaurus africanus n. sp. S. Africa. **Broom.** 5389.

Cymbospondylus nn. spp. Nevada, Triassic. **Merriam.** 5883.

Cynognathus. **Broom.** 5391.

Delphinosaurus perrini. **Merriam.** 5883.

Dicynodon seeleyi n. sp. S. Africa. **Broili.** 5376.

Eccasaurus priscus n. gen. et sp. S. Africa. **Broom.** 5389.

Gresslyosaurus nn. spp. Europe. **Huene.** 5712.

Hallopus victor. **Huene & Lull.** 5720.

Halticosaurus longotarsus n. gen. et sp. Europe. **Huene.** 5712.

Heleophilus acutus n. gen. et sp. S. Africa. **Broom.** 5389.

Hoxlesia. S. Africa. **Broom.** 5380.

Hyawnesuchus whaitsi n. gen. et sp. S. Africa. **Broom.** 5384.

Ichthyosaurus spp. **Merriam.** 5883.

Merriamia zitteli (Merriam). **Merriam.** 5883.

Mixosaurus spp. **Merriam.** 5883.

Nectosaurus. **Merriam.** 5884.

Pachysaurus n. gen. et spp. Europe. **Huene.** 5712.

Pardosuchus whaitsi n. gen. et sp. S. Africa. **Broom.** 5384.

Plateosaurus nn. spp. Europe. **Huene.** 5712.

Sellosaurus n. gen. et spp. Europe. **Huene.** 5712.

Shastasaurus spp. **Merriam.** 5883.

Tanystropheus nn. spp. Europe. **Huene.** 5712.

Teratosaurus nn. spp. Europe. **Huene.** 5712.

Thecodontosaurus nn. spp. Europe. **Huene.** 5712.

Toretocnemis californicus. **Merriam.** 5883.

Trematosaurus kannemeyeri n. gen. et sp. S. Africa. **Broom.** 5389.

Trochosuchus acutus n. gen. et sp. S. Africa. **Broom.** 5384.

5631.70 JURASSIC.

GENERAL.

Hay. 5669. Genera and species of carnivorous dinosaurs, with special reference to *Ceratosaurus nasicornis* Marsh.

SPECIAL.

Antrodemus. **Hay.** 5669.

Baptanodon. **Holland.** 5702.

Ceratosaurus nasicornis, skull. **Hay.** 5669.

Creosaurus. **Hay.** 5669.

Diplodocus, skull. **Hay.** 5671; **Holland.** 5703.

Glyptops plicatulus (Cope). N. America. 5668.

Ichthyosaurus. **Woodward.** 6277.

Labrosaurus spp. **Hay.** 5669.

Pelorosaurus. France. **Sauvage.** 6062.

Pterosaura? **Broom.** 5387.

Ramphorhynchus gemmigi. **Wanderer.** 6226.

Triceratops prorsus. **Woodward.** 6286.

Propappus (Pareiasauria). **Broom.** 5383.

5631.75 CRETACEOUS.

GENERAL.

Hatcher. 5666. The Ceratopsia.

Hay. 5669. Genera and species of carnivorous dinosaurs, with special reference to *Ceratosaurus nasicornis*. Marsh.

Holland. 5700. An undetermined element in the osteology of the *Mosasauridae*.

Lull. 5851. Phylogeny, taxonomy, distribution, habits and environment of the Ceratopsia.

Williston. 6256. North American plesiosaurs. *Trinacromerum*.

SPECIAL.

Adenos lacer n. sp. New Jersey, Cretaceous. **Hay.** 5672.

Agathaumas sylvestris. **Hatcher.** 5666.

Albertosaurus. **Hay.** 5669.

Amblypeza entellus n. gen. et sp. New Jersey, Cretaceous. **Hay.** 5672.

Ankylosauridae n. fam. Montana, Cretaceous. **Brown.** 5394.

Ankylosaurus magniventris n. gen. et sp. Montana, Cretaceous. **Brown.** 5394.

Aspideretes granifer n. sp. Montana, Cretaceous. **Hay.** 5668.

— n. spp. W. United States, Cretaceous. **Hay.** 5672.

Ceratops spp. **Hatcher.** 5666.

— *Lull in Hatcher.* 5851.

Ceratopsia. **Lull in Hatcher.** 5851.

Charitomys n. gen. et sp. Montana, Cretaceous. **Hay.** 5672.

Deinodon. **Hay.** 5669.

Diceratops hatcheri n. nom. *Lull.* **Hatcher.** 5666.

Dryptosaurus. **Hay.** 5669.

Eryosuchus molitor n. sp. New Jersey, Cretaceous. **Hay.** 5672.

Eubaena latifrons n. gen. et sp. Wyoming, Cretaceous. **Hay.** 5672.

Gigantosaurus n. gen. et spp. E. Africa. **Fraas.** 5585.

Glyptops nn. spp. United States, Cretaceous. **Hay.** 5672.

Goniopholis crassidens. Isle of Wight. **Hooley.** 5708.

Gyremys spectabilis n. gen. et sp. Montana, Cretaceous. **Hay.** 5672.

Helopanoplia distincta n. gen. et sp. Wyoming, Cretaceous. **Hay.** 5672.

Ichthyosauria. **Ragenhofer.** 6041.

Ichthyosaurus lokeni n. sp. Germany. **Broili.** 5377.

Lytomorpha violamii n. sp. New Jersey, Cretaceous. **Hay.** 5672.

Manospondylus genus of Theropoda not of Ceratopsia. **Hatcher.** 5666.

Monoclonius spp. **Hatcher.** 5666.

— *Lull in Hatcher.* 5851.

Naiadochelys ingravata n. gen. et sp. New Mexico, Cretaceous. **Hay.** 5672.

Naomichelys speciosa n. gen. et sp. Montana, Cretaceous. **Hay.** 5672.

Nopcsa. 5925. Zur Kenntnis der fossilen Eidechsen.

Osteopygis robustus n. sp. New Jersey, Cretaceous. **Hay.** 5672.

Protostega nn. spp. Kansas, Cretaceous. **Hay.** 5672.

Rhachechelys n. gen. New Jersey, Cretaceous. **Hay.** 5672.

Stegoceras validus. **Hatcher.** 5666.

Taplocephalus dares n. sp. Georgia (?), Cretaceous. **Hay.** 5672.

Thescelus n. gen. et spp. W. United States, Cretaceous. **Hay.** 5672.

Toxochelys elkader n. sp. Kansas, Cretaceous. **Hay.** 5672.

Triceratops spp. **Hatcher.** 5666.

— *Lull in Hatcher.* 5851.

Trinacromerum latimanus. Wyoming, Cretaceous. **Williston.** 6256.

5631.80 CAENOZOIC (TERTIARY) GENERAL).

Testudo nn. spp. Norfolk. **Andrews.** 5203.

5631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Achilemys n. gen. Wyoming, Eocene. **Hay.** 5672.

Alamosemys substriata n. gen. et sp. New Mexico, Eocene. **Hay.** 5672.

Amyda nn. spp. Wyoming, Utah, Eocene. **Hay.** 5672.

Aspideretes nn. spp. W. United States, Eocene. **Hay.** 5672.

Baena nn. spp. W. United States, Eocene. **Hay.** 5672.

Baptemys nn. spp. W. United States, Eocene. **Hay.** 5672.

Clemmys morrisiata n. sp. Wyoming, Eocene. **Hay.** 5672.

Echmatemys rivalis n. sp. Wyoming, Eocene. **Hay.** 5668.

— un. spp. W. United States, Eocene. **Hay.** 5672.

Glyptosaurus ? *montanus* n. sp. **Douglass.** 5529.

— *obtusidens* n. sp. Wyoming, Eocene. **Loomis.** 5842.

Hadrianus tumidus n. sp. Utah, Eocene. **Hay.** 5672.

Hoplochelys n. gen. et spp. New Mexico, Eocene. **Hay.** 5672.

— *caelata* n. sp. Montana, Eocene. **Hay.** 5668.

Kallistira n. gen. New Mexico, Eocene. **Hay.** 5672.

Lacerta eocena. **Leriche.** 5817.

Plastomenus nn. spp. Wyoming, Eocene. **Hay.** 5672.

Platypeltis nn. spp. Wyoming, Eocene. **Hay.** 5672.

Temnotrionyx manducans n. gen. et sp. Wyoming, Eocene. **Hay.** 5672.

Testudo thomsoni n. sp. South Dakota, Oligocene. **Hay.** 5672.

5631.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Crocodilus ossifragus n. sp. Malay Peninsula. **Dubois.** 5547.

Deirochelys floridana n. sp. Florida, Pliocene. **Hay.** 5672.

Gavialis bengawanicus n. sp. **Dubois.** 5547.

Macrochelys floridana n. sp. Florida, Pliocene. **Hay.** 5672.

Procolpochelys n. gen. New Jersey, Miocene. **Hay.** 5672.

Pseudemys extincta n. sp. Florida, Pliocene. **Hay.** 5672.

Rana Limburg. **Reid & Reid.** 6022.

Stylemys nn. spp. Oregon, Miocene. **Hay.** 5672.

Terrapene longinsulae n. sp. Kansas, Upper Tertiary. **Hay.** 5668.

Testudo nn. spp. W. United States, Miocene and Pliocene. **Hay.** 5672.

Trachemys nn. spp. Florida, Pliocene. **Hay.** 5672.

5631.95 PLEISTOCENE AND RECENT.

Chrysemys timida n. sp. Nebraska, Pleistocene. **Hay.** 5672.

Pseudemys caelata n. sp. Florida, Pleistocene (?) **Hay.** 5672.

Rana esculenta Hungary. **Bayger.** 5328.

Trachemys trutta n. sp. Texas, Pleistocene. **Hay.** 5672.

5831 AVES.

5831.39 GENERAL.

Mowbray. 5908. The cahow: Discovery in Bermuda of fossil bones and feathers supposed to belong to the extinct bird called "cahow" by the early settlers.

5831.80 CAENOZOIC (TERTIARY) (GENERAL).

Regalia. 6021. Avifauna fossili italiane.

5831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Aegialornis leenhardtii n. sp. France. **Gaillard.** 5604.

Alabamornis. **Lucas.** 5848.

Amphiserpentarius schlosseri n. gen. et n. sp. France. **Gaillard.** 5604.

Archaeotrogon nn. spp. France. **Gaillard.** 5604.

Occothraustes. **Ussher.** 6203.

Cypselurus gallicus n. gen. et sp. France. **Gaillard.** 5604.

Palaeocryptonyx depereti n. sp. France. **Gaillard.** 5604.

Paravortyx n. gen. et spp. France. **Gaillard.** 5604.

Pelargopsis nn. spp. France. **Gaillard.** 5604.

Plesiocathartes europaeus n. gen. et sp. France. **Gaillard.** 5604.

Strigonyx dubius n. gen. et sp. France. **Gaillard.** 5604.

Totanus edwardsi n. sp. France. **Gaillard.** 5604.

6031 MAMMALIA.

6031.39 GENERAL.

Lull. 5852. The evolution of the elephant.

SPECIAL.

Cetacea. **Abel.** 5272.

Elephas. **Arldt.** 5301.

Homo. **Fabani.** 5568. L'antichità del genere umano. Roma, 1906-1907.

— *Giuffrida-Ruggeri.* 5622b.

Lemuroidea. Madagascar. **Boule.** 5358.

Lophiodon. **Depéret.** 5513.

Moropus petersoni n. sp. Nebraska. **Holland.** 5704.

6031.80 CAENOZOIC (TERTIARY) (GENERAL).

GENERAL.

Douglass. 5527. Rhinoceroses from the Oligocene and Miocene deposits of North Dakota and Montana.

Matthew. 5872. Osteology of *Blastomeryx* and phylogeny of the American *Cervidae*.

SPECIAL.

Anodon parvus n. sp. Norfolk. **Andrews.** 5293.

Archaeoceti. **Stromer.** 6175.

Necrolemur. **Schlosser.** 6070.

Prozeuglodon atrox n. gen. et sp. Norfolk. **Andrews.** 5293.

Rhagatherium aegyptiacum n. sp. Norfolk. **Andrews.** 5293.

Saghatherium majus n. sp. Norfolk. **Andrews.** 5293.

Sinopa ethiopica n. sp. Norfolk. **Andrews.** 5293.

6031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).
GENERAL.

Granger. 5640. A revision of the American Eocene horses.

Osborn. 5943. The four inseparable factors of evolution. Theory of their distinct and combined action in the transformation of the *Titanotheres*, an extinct family of hoofed animals in the order Perissodactyla.

True. 6195. The fossil cetacean, *Dorudon serratus* Gibbes.

SPECIAL.

Aminippus subgen. n. nom. **Granger.** 5640.

Apidium n. gen. *phiomensis* n. gen. et sp. Egypt, Oligocene. **Osborn.** 5941.

Archaeoceti. Egypt. **Stromer.** 6176.

Basilosaurus cetoides (Owen.) **True.** 6195.

Brontotherium hatcheri n. sp. S. Dakota, Oligocene. **Osborn.** 5942.

Coripagus montanus n. gen. et sp. Montana, Fort Union beds. **Douglass.** 5530.

Dolichorhinus intermedius n. sp. Utah, Eocene. **Osborn.** 5942.

Dorudon serratus. **True.** 6195.

Eohippus nn. spp. Wyoming, Eocene. **Granger.** 5640.

Elotitanops. **Osborn.** 5942.

Epiphippus parvus n. sp. Utah, Eocene. **Granger.** 5640.

Hyenarctos insignis. **Stehlin.** 6152.

Lambdotherium popoagicum, teeth and feet figured. **Osborn.** 5942.

— *primaevum* n. sp. Wyoming, Eocene. **Loomis.** 5842.

Limnohipps nn. spp. Wyoming, Eocene. **Osborn.** 5942.

Lophiodon. **Thomas.** 6181.

— *thomasi* n. sp. **Depéret.** 5514.

Manteoceras iwashakiensis n. sp. Wyoming, Eocene. **Osborn.** 5942.

Megopterma minuta n. gen. et sp. Montana, Fort Union beds. **Douglass.** 5530.

Mesatirhinus petersoni n. gen. et sp. Wyoming, Eocene. **Osborn.** 5942.

Mesohippus portentus n. sp. Montana, Oligocene. **Douglass.** 5528.

Metaphiomys beauchielli n. gen. et sp. Egypt, Oligocene. **Osborn.** 5941.

Metarhinus fluriatilis n. gen. et sp. Wyoming and Utah, Eocene. **Osborn.** 5942.

Orohippus typicus n. nom. et spp. Wyoming, Eocene. **Granger.** 5640.

Paleomastodon barroisi n. sp. **Pontier.** 5992.

— Fayoum. **Oppenheim.** 5933.

Palaeosyops nn. spp. Wyoming, Eocene. **Osborn.** 5942.

Phiomys andrewsi n. gen. et sp. Egypt, Oligocene. **Osborn.** 5941.

Pierodus silberlingi n. gen. et sp. Montana, Fort Union beds. **Douglass.** 5530.

Protitanotherium superbum n. sp. Utah, Eocene. **Osborn.** 5942.

Ptilodus montanus n. sp. Montana, Fort Union beds. **Douglass.** 5530.

Ptolemaia n. gen. et sp. Egypt, Oligocene. **Osborne.** 5941.

Ptolemaiidae n. fam. **Osborne.** 5941.

Symborodon copei n. sp. South Dakota, Oligocene. **Osborn.** 5942.

Telmatherium ultimum nn. spp. Utah, Eocene. **Osborn.** 5942.

Zeuglodon. **Lucas.** 5848.

Zygorhiza n. gen. **True.** 6195.

6031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

GENERAL.

Gidley. 5615. Collection of fossil mammals from Virgin valley, Nevada.

Loomis. 5843. *Rhinocerotidae* of the Lower Miocene.

Merciai. 5882. Sopra alcuni resti di vertebrati miocenici delle ligniti di Ribilla.

Napoli. 5911. Intorno alla formazione di Monteverde e di alcuni fossili rinvenutivi.

Portis. 5995. Di due notevoli avanzi di carnivori fossili dai terreni tufacei di Roma.

— 5997. Di alcuni avanzi fossili di grandi ruminanti principalmente della provincia di Roma.

Seguenza. 6099. Nuovi resti di mammiferi pontici di Gravitelli presso Messina.

Sinclair. 6130. The Santa Cruz Typotheria.

True. 6197. Occurrence of remains of fossil cetaceans of the genus *Schizodelphis* in the United States, and on *Priscodelphinus* (?) *crassangulum* Case.

Ugolini. 6201. Resti di vertebrati marini del Pliocene di Orciano. Milano, 1907.

SPECIAL.

Aceratherium egyptius n. sp. Nebraska, Miocene. **Cook.** 5484.

— *stigeri*. Nebraska, Miocene. **Loomis.** 5843.

Altippus taxus n. gen. et sp. Montana, Miocene. **Douglass.** 5528.

Aphelops montanus n. sp. Montana, Miocene. **Douglass.** 5527.

Bibos nn. spp. Malay Peninsula. **Dubois.** 5547.

Blastomeryx nn. spp. W. United States, Miocene. **Matthew.** 5872.

— skeleton. **Matthew.** 5872.

Bubalis palaeokerabau n. sp. Malay Peninsula. **Dubois.** 5547.

Cetacea. Los Angeles. **Gilbert.** 5617.

Cervus nn. spp. Malay Peninsula. **Dubois.** 5547.

Diceratherium nn. spp. Nebraska, Miocene. **Loomis.** 5843.

— *arikanense* n. sp. Nebraska, Miocene. **Barbour.** 5137.

Dinotherium giganteum. S. Russia. **Pavlova.** 5953.

Diprotodon australis. **Abel.** 5274.

Elephas. Milan. **Mariani.** 5860.

— *Portis.* 5996.

— *antiquus*. Benevento. **Matarazzi.** 5868.

— *hysudrindicus* n. sp. Malay Peninsula. **Dubois.** 5547.

Elephas primigenius. Torino.
Parona. 5952.

Felis nn. spp. Malay Peninsula.
Dubois. 5547.

Gazella daviesii n. sp. Norfolk.
Hinton. 5692.

Hexaprotodon sisajavanicus n. sp.
Malay Peninsula. *Dubois*. 5547.

Hyena bathynathia n. sp. Malay Peninsula. *Dubois*. 5547.

Leptolox nn. spp. Malay Peninsula.
Dubois. 5547.

Lutra paleoleptonyx n. sp. Malay Peninsula. *Dubois*. 5547.

Manis nn. spp. *Dubois*. 5547.

Mastodon. Italy. *Capellini*. 5417.

— *arvernensis*. *Barbiani*. 5316.

Merychippus? *missouriensis* n. sp.
Montana, Miocene. *Douglass*. 5528.

Micratus (*Mimomys*) *intermedius* Newton.
Reid & Reid. 6022.

Parahippus tyleri n. sp. Nebraska,
Miocene. *Loomis*. 5844.

Prospalax prisces. *Méhely*. 5876.

Rhabdotenus latiradix. *True*. 6196.

Rhinoceros nn. spp. Malay Peninsula.
Dubois. 5547.

Schizodelphis crassangulum. Maryland,
Miocene. *True*. 6197.

Stenomylus gracilis. *Peterson*. 5976.

Sus nn. spp. Malay Peninsula. *Dubois*. 5547.

Papirus paenianus n. sp. Malay Peninsula. *Dubois*. 5547.

Tetracerus kroesentii n. sp. Malay Peninsula. *Dubois*. 5547.

Tetraprothomo argentinus. Südamerika.
Abel. 5273.

6031.95 PLEISTOCENE AND RECENT.
GENERAL.

Fiedler. 5577. Säugetierreste aus braunschweigischen Teerlinnen nebst einem Beitrag zur Kenntnis der osteologischen Geschlechtscharaktere des Rindschädels. Diss. Leipzig, 1907.

Freudenberg. 5593. Die Fauna von Hundsheim in Niederösterreich.

Gilmore. 5619. Smithsonian exploration in Alaska in 1907 in search of Pleistocene fossil vertebrates.

Hovey. 5709. The Chester, New York, mastodon. [Facsimile reproduction of sketch and description of skull and tusks of "Elephas Mastodonta" by P. S. Townsend, manuscript dated May 29, 1817.]

Nasonov. 5912. Sur les restes d'un cadavre de mammouth trouvés au bords de la rivière Sangajurjach et déposés au Musée Zoologique de l'Académie Impériale des Sciences. (Russe.)

Perkins. 5972. Fossil Cetacea of the Pleistocene of the United States and Canada, with special reference to *Delphinapterus vermontanus* Thompson.

Phleps. 5980. Das Skelett eines weiblichen *Bison prisces* Boj. sowie andere Bison- und Bosreste aus dem Diluvium Siebenbürgens.

Portis. 5994. È dimostrata la contemporaneità dell'uomo paleolitico coll'elefante antico, l'ippopotamo ed un rinoceronte in Italia?

Regalia. 6018. Sulla fauna della "Grotta del castello" di Termino Imerese (Palermo).

— 6019. Sull'*Equus (Asinus) hydruntinus* Regalia della grotta di Romualdi Castro-Lecce.

SPECIAL.

Arctomys. Eragny. *Laville*. 5802.

Bison occidentalis, skeleton. *McClung*. 5856.

Blarina brevicauda ozarkensis n. subsp. Arkansas, Pleistocene. *Brown*. 5395.

Bonobrevium sargentii n. sp. Michigan, Pleistocene. *Gidley*. 5616.

Bovis. Europe. *Staudinger*. 6145.

Boris. Germany. *Geinitz*. 5611.

Brachypotomus n. gen. et spp. Arkansas, Pleistocene. *Brown*. 5395.

Bubalis prisca n. sp. S. Africa. *Broom*. 5390.

Canis peruanus n. sp. Peru. *Nordenskiöld*. 5926.

Castor fiber. *Linstow*. 5831.

Cervus (Antilocapra) eretensis n. sp. Isola di Candia. *Simonelli*. 6126.

— *eryceerus*. Ural. *Pavlova*. 5955.

Delphinapterus vermontanus n. sp. **Perkins.** 5972.

Elephas antiquus. Ille de Délös. **Cayeux.** 5427.

— *primigenius.* Germany. **Mieck.** 5898.

— **Pfizenmayer.** 5979.

— Bodenbach in Böhmen. **Toula.** 6189.

Equus (Asinus) hydruntinus n. sp. **Castro, Lecce.** **Regalia.** 6019.

— *capensis* n. sp. S. Africa. **Broom.** 5392.

Felis. Africa. **Scharff.** 6066.

— *longierus* n. sp. Arkansas, Pleistocene. **Brown.** 5395.

Fiber annectens n. sp. Arkansas, Pleistocene. **Brown.** 5395.

Fureifer? *wiongei* n. sp. Peru. **Nordenskiöld.** 5926.

Geomys parvidens n. sp. Arkansas, Pleistocene. **Brown.** 5395.

* *Gulo borealis.* France. **Hamy.** 5658.

Hippopotamus. Cyprus. **Bate.** 5323.

Homo. Crete. **Cacciamali.** 5406.

— *Issel.* 5721.

— Germany. **Löscher.** 5837.

— Giulia. **Marchesetti.** 5859.

— *Schwalbe.* 6088.

— *Stolyhwo.* 6170.

Hyena. Ireland. **Ussher.** 6204.

Lepus gigantulus n. sp. Arkansas, Pleistocene. **Brown.** 5395.

— *variabilis.* Kent. **Hinton.** 5693.

Lynx compressus. Arkansas, Pleistocene. **Brown.** 5395.

Mastodon. Cape Colony. **Beck.** 5329.

— *Hermann.* 5681.

Megaceros giganteus. **Fritze.** 5601.

Megaladapis edwardsi. Madagascar. **Lorenz v. [Libernau].** 5845.

Mephitis mephitis *vermontensis* n. subsp. Arkansas, Pleistocene. **Brown.** 5395.

Microsorex minutus n. sp. Arkansas, Pleistocene. **Brown.** 5395.

Neotoma ozarkensis n. sp. Arkansas, Pleistocene. **Brown.** 5395.

Onohippidium peruanum n. sp. Peru. **Nordenskiöld.** 5926.

Oribos yukonensis n. sp. Alaska, Pleistocene. **Gidley.** 5616.

Oris. N. Oesterreich. **Toula.** 6187.

Phoca hispida var. Norrköping. **Lönnberg.** 5834.

Pithécanthropus. **Deniker.** 5511.

— Java. **Elbert.** 5560.

— **Volz.** 6219.

— *crectus.* Malay Peninsula. **Elbert.** 5559; **Gorka.** 5628.

Praeoribus prisca n. gen. et sp. Thuringian States. **Staudinger.** 6144.

Putorius n. subsp. et sp. Arkansas, Pleistocene. **Brown.** 5395.

Pleithrodontomys simplicidens n. sp. Arkansas, Pleistocene. **Brown.** 5395.

Ihinoeceros. Germany. **Löscher.** 5838.

— Austria. **Toula.** 6188.

— *merckii.* Germany. **Wüst.** 6288.

— *tichorhinus.* Eure. **Leroy.** 5819.

Smilodontopsis n. gen. et spp. Arkansas, Pleistocene. **Brown.** 5395.

Sorex personatus *fossidens* n. subsp. Arkansas, Pleistocene. **Brown.** 5395.

Sus. Schweden. **Pira.** 5984.

Symbos australis n. sp. Arkansas, Pleistocene. **Brown.** 5395.

Tamias mnisurus n. sp. Arkansas, Pleistocene. **Brown.** 5395.

Ursus. Britain. **Reynolds.**

Vesperilio fuscus *grandis* n. subsp. Arkansas, Pleistocene. **Brown.** 5395.

LIST OF NEW GENERA AND SPECIES.

0231 PALAEOZOLOGIA.

HARDELLA [Testudinata].

isoelina, Dubois, 5547.

STEGONODON [Proboscidea].

ganesa var. *javanicus* n. var., Dubois, 5547.

0431 PROTOZOA.

ADHERENTINA [Foraminifera].

rhenana, Spandel, 6137.ALVEOLINELLA n. gen. [Foraminifera].
Douville, 5533.

ANOMALINA [Foraminifera].

spinimargo, Spandel, 6137.ARNAUDIELLA n. gen. [Foraminifera].
Douville, 5534.

BOLIVINA [Foraminifera].

bechichi var. *bituminosa* n. var., Spandel, 6137.
böttgeri, Spandel, 6137.
kinkelini, Spandel, 6137.
minutissima, Spandel, 6137.
oligocanica, Spandel, 6137.

CENELLIPSIS [Protozoa].

farus, Hinde, 5691.

CENOSPHAERA [Protozoa].

cayenxi, Hinde, 5691.
crebrispora, Hinde, 5691.
hispida, Hinde, 5691.
punctata, Hinde, 5691.

CENOSPHERA [Protozoa].

mammillata, Hinde, 5691.

CRISTELLARIA [Foraminifera].

arcticis, Issler, 5725.
— *crepula* var. *convoluta* n. var., Issler, 5725.

DENTALINA [Foraminifera].

quadrata, Issler, 5725.

DICOLOCAPSIA [Protozoa].

inauris, Hinde, 5691.
wiechmanni, Hinde, 5691.

DICTYOMITRA [Protozoa].

arrecta, Hinde, 5691.
caeca, Hinde, 5691.
cincta, Hinde, 5691.
cribraria, Hinde, 5691.
decora, Hinde, 5691.
glandula, Hinde, 5691.
laevigata, Hinde, 5691.
lelaini, Hinde, 5691.
pygmaea, Hinde, 5691.
aruensis, Hinde, 5691.
seausilis, Hinde, 5691.
scitula, Hinde, 5691.
simplex, Hinde, 5691.
venusta, Hinde, 5691.

DORYPLEGMA [Protozoa].

mendonense, Hinde, 5691.

EUSYRINGIUM [Protozoa].

gracile, Hinde, 5691.
jaenium, Hinde, 5691.
parvulum, Hinde, 5691.

KISSURINA [Foraminifera].

marginata var. *spinosa* n. var., Spandel, 6137.

FRONDICULARIA [Foraminifera].

carinata var. *longa* n. var., Issler, 5725.

FUSULINA [Foraminifera].

alpina var. *rossica* n. var., Schellwien, 6067.
alpina var. *vetusta* n. var., Schellwien, 6067.
anderssoni, Schellwien, 6067.
arctica, Schellwien, 6067.
krotowi, Schellwien, 6067.
lutugini, Schellwien, 6067.
minima, Schellwien, 6067.

FUSULINA [Foraminifera].

- *moelleri*. Schellwien. 6067.
- *obsoleta*. Schellwien. 6067.
- *prisca* var. *artensis* n. var. Schellwien. 6067.
- *prisca* var. *parvula* n. var. Schellwien. 6067.
- *simplex*. Schellwien. 6067.
- *subtilis*. Schellwien. 6067.
- *tschernyschewi*. Schellwien. 6067.
- *verneuili*. Schellwien. 6067.
- *vulgaris*. Schellwien. 6067.

GAUDRYINA [Foraminifera].

- *poststiphonella*. Spandel. 6137.

GLANDULINA [Foraminifera].

- *biconica*. Issler. 5725.

HYPERAMMINA [Foraminifera].

- *zindorfii*. Spandel. 6137.

LEPIDOCYCLINA [Foraminifera]. Ciofalo. 5446.

- *bayhariensis*. Checchia-Rispoli e Gemmellaro. 5444.
- *canetei*. Lemoine & Douvillé. 5808.
- *chaperi*. Lemoine & Douvillé. 5808.
- *cottreaui*. Douvillé. 5543.
- *gallienii*. Lemoine & Douvillé. 5808.
- *giraudi*. Douvillé. 5543.
- *joërei*. Lemoine & Douvillé. 5808.
- *morgani*. Lemoine & Douvillé. 5808.
- *munieri*. Lemoine & Douvillé. 5808.
- *raulini*. Lemoine & Douvillé. 5808.
- *schlumbergeri*. Lemoine & Douville. 5808.
- *senoniana*. Checchia-Rispoli e Gemmellaro. 5444.
- *tournoueri*. Lemoine & Douvillé. 5808.

LITHOCAMPE [Protozoa].

- *elegans*. Hinde. 5691.
- *levis*. Hinde. 5691.
- *meudonensis*. Hinde. 5691.
- *pupioles*. Hinde. 5691.

LITHOMITRA [Protozoa].

- *cithenata*. Hinde. 5691.
- *extensa*. Hinde. 5691.
- *praelonga*. Hinde. 5691.
- *scalaris*. Hinde. 5691.

LITHOSTROBOS [Protozoa].

- *pusillus*. Hinde. 5691.

NODOSARIA [Foraminifera].

- *kinkelini*. Spandel. 6137.

NONIONINA [Foraminifera].

- *polystomelliformis*. Spandel. 6137.

NUMMULOSTEGINA [Foraminifera].

- *velebitana*. Schubert. 6079.

OPHTHALMIDIUM [Meliolidae].

- *bacularis*. Issler. 5725.
- *oolithicum*. Gaub. 5606.

ORBITOIDES [Foraminifera].

- *adelis*. Checchia-Rispoli e Gemmellaro. 5444.
- *curicensis*. Checchia-Rispoli e Gemmellaro. 5444.
- *panormitana*. Checchia-Rispoli e Gemmellaro. 5444.
- *sienda*. Checchia-Rispoli e Gemmellaro. 5444.

ORBULINA [Foraminifera].

- *bituminosa*. Spandel. 6137.

PHORMOCYRTIS [Protozoa].

- *layena*. Hinde. 5691.

PORODISCUS [Protozoa].

- *levis*. Hinde. 5691.

PSEUDARCELLA [Foraminifera].

- *rhumbleri*. Spandel. 6137.

RABDOSPHAERA [Foraminifera].

- *silicea*. Spandel. 6137.

RHOPALASTRUM [Protozoa].

- *pistillum*. Hinde. 5691.
- *verbecki*. Hinde. 5691.

ROTALIA [Foraminifera].

- *offenbachensis*. Spandel. 6137.

SACCAMMINA [Foraminifera].

- *grandistoma*. Spandel. 6137.
- *minutissima*. Spandel. 6137.

SETHAMPHORA [Protozoa].

- *pyriformis*. Hinde. 5691.
- *quinaboli*. Hinde. 5691.

SIDEROLITHES [Foraminifera].

- *calcitrapoides* var. *brevispira* n. var. Osimo. 5946.
- *nummulitispira*. Osimo. 5496.
- *preveri*. Osimo. 5946.
- *rhomboidalis*. Osimo. 5946.
- *rhomboidalis* var. *crassisima* n. var. Osimo. 5946.
- *rhomboidalis* var. *latispira* n. var. Osimo. 5946.
- *van-den-broecki*. Osimo. 5946.

SPHAEROPYLE [Protozoa].
 ——— *simplex*. Hinde. 5691.

SPIROPLECTA [Foraminifera].
 ——— *intermedia*. Spandel. 6137.

SPONGODISCUS [Protozoa].
 ——— *gracilis*. Hinde. 5691.
 ——— *nitidus*. Hinde. 5691.
 ——— *textilis*. Hinde. 5691.

SPONGOLONCHE [Protozoa].
 ——— *angularis*. Hinde. 5691.

STICHOCAPSA [Protozoa].
 ——— *acerra*. Hinde. 5691.
 ——— *apicata*. Hinde. 5691.
 ——— *aspera*. Hinde. 5691.
 ——— *rapax*. Hinde. 5691.
 ——— *capitata*. Hinde. 5691.
 ——— *cepsula*. Hinde. 5691.
 ——— *erinita*. Hinde. 5691.
 ——— *fenestrata*. Hinde. 5691.
 ——— *fusiformis*. Hinde. 5691.
 ——— *hispida*. Hinde. 5691.
 ——— *inauris*. Hinde. 5691.
 ——— *muconata*. Hinde. 5691.
 ——— *nitida*. Hinde. 5691.
 ——— *patula*. Hinde. 5691.
 ——— *polita*. Hinde. 5691.
 ——— *procera*. Hinde. 5691.
 ——— *reticulata*. Hinde. 5691.
 ——— *rustica*. Hinde. 5691.

STICHTHOPHRMIS [Protozoa].
 ——— *polita*. Hinde. 5691.

STYLOSPHAERA [Protozoa].
 ——— *densiporata*. Hinde. 5691.

THEOCAMPE [Protozoa].
 ——— *tumida*. Hinde. 5691.

THEOSYRINGIUM [Protozoa].
 ——— *saruense*. Hinde. 5691.

TRICOLOCAMPE [Protozoa].
 ——— *pumila*. Hinde. 5691

TRICOLOCAPSA [Protozoa].
 ——— *arrecta*. Hinde. 5691.
 ——— *celata*. Hinde. 5691.
 ——— *humilis*. Hinde. 5691.
 ——— *piquies*. Hinde. 5691.

TRUNCATULINA [Foraminifera].
 ——— *globigeriniformis*. Spandel. 6137.

UVIGERINA [Foraminifera].
 ——— *sagriniformis*. Spandel. 6137.

VALVULINELLA [Foraminifera].
 ——— *lukowskii*. Schubert. 6079.

VIRGULINA [Foraminifera].
 ——— *frondicularoides*. Spandel. 6137.

0631 PORIFERA.

AMBLYSIPHONELLA [Sycones].
 ——— *guadalupensis*. Girty. 5622.

ANTHRACOSYCON n. gen. [Lithistida].
 ——— *fuscus*. Girty. 5622.
 ——— *fuscus capitaneum* n. var.
 ——— Girty. 5622.

CHONELLA [Lithistida].
 ——— *andrenensis*. Počta. 5988.

COELOCLADIA n. gen. [Silicispongiae].
 ——— *Girty*. 5622A.
 ——— *spinosa*. Girty. 5622A.

CYSTOTHALAMIA n. gen. [Sycones].
 ——— *Girty*. 5622.
 ——— *nodulifera*. Girty. 5622.

GUADALUPIA n. gen. [Sycones]. Girty.
 ——— *5622*.
 ——— *cylindrica*. Girty. 5622.
 ——— *cylindrica concreta* n. var.
 ——— Girty. 5622.
 ——— *cylindrica robusta* n. var.
 ——— Girty. 5622.
 ——— *digitata*. Girty. 5622.
 ——— *farosa*. Girty. 5622.
 ——— *zitteliana*. Girty. 5622.

HELIOSPONGIA n. gen. [Silicispongiae].
 ——— *Girty*. 5622A.
 ——— *ramosa*. Girty. 5622A.
 ——— *ramosa parallelia* n. var.
 ——— Girty. 5622A.

HETEROCOELIA n. gen. [Calcispongiae].
 ——— *Girty*. 5622A.
 ——— *beedei*. Girty. 5622A.

MAEANDROSTIA n. gen. [Calcispongiae].
 ——— *Girty*. 5622A.
 ——— *kansasensis*. Girty. 5622A.

PACHYCORYNEA n. gen. [Lithistida].
 ——— Počta. 5988.
 ——— *erecta*. Počta. 5988.

POLYSIPHON n. gen. [Sycones]. Girty.
 ——— *5622*.
 ——— *mirabilis*. Girty. 5622.

PSEUDOVIRGULA n. gen. [Lithistida].
 ——— *Girty*. 5622.
 ——— *tennis*. Girty. 5622.

SCYTLIA [Lithistida].
 ——— *laghetensis*. Počta. 5988.

STEINMANNIA [Sycones].
 ——— *americana*. Girty. 5622.
 ——— *benjamini*. Girty. 5622A.

STROMATIDIUM n. gen. [Hexactinellida].
 ——— *Girty*. 5622.
 ——— *typicale*. Girty. 5622.

THAMNOSPONGIA [Lithistida].
 ——— *pauciramea*. Počta. 5988.

VERRUCULINA [Lithistida].
 ——— *cazioti*. Počta. 5988.

VIRGULA n. gen. [Lithistida]. Girty.
 ——— 5622.
 ——— *neptunia*. Girty. 5622.
 ——— *rigida*. Girty. 5622.
 ——— *rigida constricta* n. var.
 Girty. 5622.

0831 COELENTERATA.

AMPLEXI-ZAPHRENTIS n. subgen. [Tetra-coralla]. Vaughan. 5869.

APHRAGMASTRAEA [Hexacoralla].
 ——— *richardii*. Karakaš. 5748.
 ——— *tenuisepta*. Karakaš. 5748.

ASPIDISCUS [Hexacoralla].
 ——— *sendtzei*. Kossmat. 5748.

ASTROCOENIA [Coelenterata].
 ——— *foliacea* var. *tabata* n. var.
 Dollfus. 5525.

AZYGOGRAPTUS [Graptolitoidea].
 ——— *simplex* n. sp. Ruedemann.
 6053.

BOSNOPSAMMIA [Hexacoralla].
 ——— *kalzeri*. Oppenheim. 5434.

CACTOGRAPTUS n. gen. [Graptolitoidea].
 Ruedemann. 6053.
 ——— *erassus*. Ruedemann. 6053.

CAMPOPYLLUM [Tetracoralla].
 ——— *caninoides*. Siby. 6116.

CARCINOPYLLUM [Tetracoralla].
 ——— *mentipense*. Siby. 6116.

CARYOPHYLLIA [Hexacoralla].
 ——— *sebastiana*. Steinmann &
 Wilckens. 6159.

CENTRASTRAEA [Hexacoralla].
 ——— *sablensis*. Karakaš. 5748.

CHAUNOGRAPTUS [Graptolitoidea].
 ——— *gemmatus*. Ruedemann.
 6053.
 ——— *gracilis*. Clarke. 5454.
 ——— *rectilinea*. Ruedemann.
 6053.

CLADOPORA [Hexacoralla].
 ——— *spinulata*. Girty. 5622.
 ——— *tubulata*. Girty. 5622.

CLIMACOGRAPTUS [Graptolitoidea].
 ——— *antiquus* var. *bursifer* n. var.
 Elles & Wood. 5562.
 ——— *antiquus* var. *lineatus* n. var.
 Elles & Wood. 5562.

CLIMACOGRAPTUS [Graptolitoidea].
 ——— *lurci*. Elles & Wood.
 5562.
 ——— *latus*. Elles & Wood. 5562.
 ——— *mississippiensis*. Ruedemann.
 6053.
 ——— *modestus*. Ruedemann. 6055.
 ——— *putillus eximus* n. mut.
 Ruedemann. 6053.
 ——— *scalaris annulatus* n. var.
 Ruedemann. 6053.
 ——— *scalaris* var. *miserabilis* n.
 var. Elles & Wood. 5562.
 ——— *supernus*. Elles & Wood.
 5562.
 ——— *törnquisti*. Elles & Wood.
 5562.
 ——— *typicalis spinifer* n. mut.
 Ruedemann. 6053.
 ——— *ulrichi*. Ruedemann. 6053.
 ——— *wilsoni* var. *tubularis* n. var.
 Elles & Wood. 5562.

CLISIOPHYLLUM [Tetracoralla].
 ——— *curkeenense*. Vaughan.
 5869.

CORYNOIDES [Graptolitoidea].
 ——— *curtus commis* n. var. Ruedemann.
 6053.
 ——— *gracilis perungulatus* n. mut.
 Ruedemann. 6053.

CRYPTOGRAPTUS [Graptolitoidea].
 ——— *tricornis insectiformis* n.
 mut. Ruedemann. 6053.

CYATHAXONIA [Tetracoralla].
 ——— *contorta*. Vaughan. 5869.
 ——— *dissimilis*. Gröber. 5647.
 ——— *rushiana*. Vaughan. 5869.

CYTOGRAPTUS [Graptolitoidea].
 ——— *ulrichi*. Ruedemann. 6053.

DENDROGRAPTUS [Graptolitoidea].
 ——— *carnicus*. Vinassa de Regny.
 6214.
 ——— *rectus*. Ruedemann. 6053.

DESMOGRAPTUS [Graptolitoidea].
 ——— *bercraeus*. Ruedemann.
 6053.
 ——— *italicus*. Vinassa de Regny.
 6214.
 ——— *tenuiramosus*. Ruedemann
 6053.
 ——— *vandelooi*. Ruedemann. 6053.

DICELLOGRAPTUS [Graptolitoidea].
 ——— *divaricatus bicurvatus* n. var.
 Ruedemann. 6053.
 ——— *divaricatus rectus* n. var.
 Ruedemann. 6053.

DICELLOGRAPTUS [Graptolitoidea].

- *mensurans*. Ruedemann. 6053.
- *moffatensis alabamensis* n. var. Ruedemann. 6053.
- *sextans perexilis* n. var. Ruedemann. 6053.
- *smithi*. Ruedemann. 6053.

DICRANOGRAPTUS [Graptolitoidea].

- *contortus*. Ruedemann. 6053.
- *fureatus exilis* n. var. Ruedemann. 6053.
- *spinifer geniculatus* n. var. Ruedemann. 6053.

DICTYONEMA [Graptolitoidea].

- *areyi*. Gurley. 6053.
- *leyroyense*. Gurley. 6053.
- *megadictyon*. Gurley. 6053.
- *perradiatum*. Gurley. 6053.
- *polymorphum*. Gurley. 6053.
- *spiniferum*. Ruedemann. 6053.

DIPLOGRAPTUS [Graptolitoidea].

- *amplexicaulis pertenuis* n. var. Ruedemann. 6053.
- *crassitestus*. Ruedemann. 6053.
- *euglyphus pygmaeus* n. var. Ruedemann. 6053.
- *foliaceus alabamensis* n. var. Ruedemann. 6053.
- *foliaceus respertinus* n. mut. Ruedemann. 6053.

ELASMOPHYLLIA [Hexacoralla].

- *robusta*. Felix. 5576.

Ephropsites n. gen. [Coronata].

Ammon. 5289.

- *jurassicus*. Ammon. 5289.

EUGYRA [Hexacoralla].

- *pontica*. Karakaš. 5548.

FAVIA [Hexacoralla].

- *gracilis*. Karakaš. 5478.
- *humei*. Gregory. 5544.
- *taurica*. Karakaš. 5548.

GLOSSOGRAPTUS [Graptolitoidea].

- *ciliatus debilis* n. var. Ruedemann. 6053.
- *ciliatus horriulus* n. mut. Ruedemann. 6053.
- *quadrimueronatus approximatus* n. var. Ruedemann. 6053.
- *quadrimueronatus cornutus* n. var. Ruedemann. 6053.
- *quadrimueronatus postremus* n. mut. Ruedemann. 6053.

ISASTRAEA [Hexacoralla].

- *cichwaldi*. Karakaš. 5748.
- *fascigera*. Felix. 5576.
- *goldfussi*. Karakaš. 5748.
- *osascoi*. Airaghi. 5281.

ISIS [Octocoralla].

- *hamiltoni*. Thomson. 6182.

LASIOGRAPTUS [Graptolitoidea].

- *biuncronatus timidus* n. mut. Ruedemann. 6053.

LATIMEANDRAREA [Hexacoralla].

- *duboisi*. Karakaš. 5748.

LEPTASTRAEA [Hexacoralla].

- *barroni*. Gregory. 5644.

LEPTOGRAPTUS [Graptolitoidea].

- *flaccidus spinifer trentonensis* n. mut. Ruedemann. 6053.
- *flaccidus spinifer trifidus* n. mut. Ruedemann. 6053.
- *flaccidus trentonensis* n. mut. Ruedemann. 6053.

LINDSTROEMIA [Tetracoralla].

- *cylindrica*. Girty. 5622.
- *permiana*. Girty. 5622.

LITHOSTROTION [Tetracoralla].

- *cyathophyloides* n. sp. Vaughan. 5869.

LYOPORA [Tabulata].

- *gigantea*. Knod. 5768.

Mastigograptus n. gen. [Graptolitoidea].

- *circinalis*. Ruedemann. 6053.

MICHELINIA [Tabulata].

- *transitoria*. Knod. 5768.

MONOGRAPTUS [Graptolitoidea].

- *amphibolus*. Törnquist. 6184.
- *colonus* var. *intermedia* n. var. Vinassa de Regny. 6241.
- *priodon chapmanensis* n. mut. Ruedemann. 6053.

MONTIVACULTIA [Hexacoralla].

- *acutisepta*. Airaghi. 5281.
- *angusta*. Airaghi. 5281.
- *dallagoi*. Airaghi. 5281.
- *erecta*. Airaghi. 5281.
- *flabelliformis*. Airaghi. 5281.
- *naqi*. Airaghi. 5281.
- *osascoi*. Airaghi. 5281.
- *rialti*. Airaghi. 5281.

NEMAGRAPTUS [Graptolitoidea].

- *exilis linearis* n. var. Ruedemann. 6053.

NEMAGRAPTUS [Graptolitoidea].

- *gracilis approximatus* n. var. Ruedemann. 6053.
- *gracilis distans* n. var. Ruedemann. 6053.

OOCULINA [Hexacoralla].

- *mississipiensis* var. *patagonica* n. var. Angelis d'Ossat (De). 5296.

ODONTOCAULUS [Graptolitoidea].

- *hepaticus*. Ruedemann. 6053.

ORBICELLA [Hexacoralla].

- *mellifica*. Gregory. 5641.

PALAEODICTYOTA [Graptolitoidea].

- *bella recta* n. mut. Ruedemann. 6053.
- *clintonensis*. Ruedemann. 6053.

PHYLLOCOENIA [Hexacoralla].

- *frumenteli*. Karakaš. 5748.

PLEURODICTYUM [Tabulata].

- *lenticulare laurentinum* n. var. Clarke. 5454.

PRIONASTREA [Hexacoralla].

- *lyonsi*. Gregory. 5641.
- *verbeekii* n. nov. Dollfuss. 5525.

PTILOGRAPTUS [Graptolitoidea].

- *hautnageli*. Ruedemann. 6053.
- *poetai*. Ruedemann. 6053.

Ptiograpthus n. gen. [Graptolitoidea].

- *Ruedemann. 6053.*
- *percorrujatus*. Ruedemann. 6053.

RASTRITES [Graptolitoidea].

- *approximatus* var. *geinitzi* n. var. Tornquist. 6184.
- *peregrinus* var. *pecten* n. var. Tornquist. 6184.
- *peregrinus* var. *socialis* n. var. Tornquist. 6184.

RHABDOPHYLLIA [Hexacoralla].

- *badii*. Felix. 5576.

RHIZOPHYLLUM [Tetracoralla].

- *robustum*. Shearsby. 6108.

SOLENASTREA [Hexacoralla].

- *elliptica*. Gregory. 5644.

Spongostroma n. gen. [Hydrozoa].

- *Rothpletz. 6050.*
- *balicum*. Rothpletz. 6050.
- *holmi*. Rothpletz. 6050.

STEPHANOCEENIA [Hexacoralla].

- *nelkarthi*. Felix. 5576.

STYLINA [Hexacoralla].

- *ammonis*. Felix. 5576.
- *esmuni*. Felix. 5576.
- *tetramera*. Gregory. 5644.

STYLOCOENIA [Hexacoralla].

- *epithecalata*. Oppenheim. 5934.
- *solomkoi*. Karakaš. 5718.
- *tuberculata*. Gregory. 5644.

Syndyograpthus n. gen. [Graptolitoidea].

- *Ruedemann. 6053.*
- *pecten*. Ruedemann. 6053.

CHAMNASTRAEA [Hexacoralla].

- *uagi*. Airaghi. 5281.

THECOSMILIA [Hexacoralla].

- *veneta*. Airaghi. 5281.

VERBEEKIA [Tetracoralla].

- *permica*. Penecke. 5966.

Verbeekiella n. nom. [Tetracoralla].

- *Penecke. 5965.*

ZAPHRENTIS [Tetracoralla].

- *palmeri*. Rowley. 6052.

1031 ECHINODERMATA.

Acanthechinopsis n. gen. [Echinoidea].

- *Gregory. 5645.*
- *barroni*. Gregory. 5645.
- *humei*. Gregory. 5645.

ACHRADOCRINUS [Crinoidea].

- *patulus*. Slocum. 6132.

ACROSALENIA [Echinoidea].

- *colcanapi*. Cottreau. 5494.
- *lemoinei*. Lambert & Le- moine. 5793.

AMPHINEURA [Ophiuroidea].

- *sanctaerucis*. Arnold. 5310.

Apsidocrinus n. gen. [Pentacrinoidea].

- *Jaekel. 5729.*

BATOCRINUS [Crinoidea].

- *curiosus*. Rowley. 6052.

BRISOSPATANGUS [Echinoidea].

- *humei*. Fourtau. 5583.

CASSIDULUS [Echinoidea].

- *ferganensis*. Faas. 5567.

CIDARIS [Echinoidea].

- *branneri*. Arnold. 5309.
- *merriami*. Arnold. 5309.
- *scabellii*. Stefanini. 5920.
- *valettei*. Lambert. 5790.

CIRCOPELTIS [Echinoidea].

- *peroni*. Lambert. 5790.

CLYPEASTER [Echinoidea].

- *bowersi*. Weaver. 6233.
- *capellinii*. Nelli. 5920.

CODONITES [Blastoidea].
 ——— *stelliformis cactus* n. var.
 Rowley. 6052.

COENOCYSTIS n. gen. [Cystoidea]. Girty.
 ——— *5622.*
 ——— *richardsoni*. Girty. 5622.

COPTOSOMA [Echinoidea].
 ——— *gunneensis*. Gregory. 5645.

CYATHOCRINUS [Crinoidea].
 ——— *elongatus*. Knod. 5768.

CYPHOSOMA [Echinoidea].
 ——— *beadnelli*. Gregory. 5645.

DIADEMOPSIS [Echinoidea].
 ——— *helvetica*. Tornquist. 6185.

DIPLOCIDARIS [Echinoidea].
 ——— *jacquemeti*. Lambert. 5788.

DIPLODETUS [Echinoidea].
 ——— *gautieri*. Cottreau. 5494.
 ——— *pyrenaicus*. Lambert. 5787.

DOROCIDARIS [Echinoidea].
 ——— *bazerquei*. Lambert. 5791.

ECHINANTHUS [Echinoidea].
 ——— *angustipneustes*. Lambert.
 5791.

ECHINOBRISSUS [Echinoidea].
 ——— *nucleolites*. Faas. 5567.
 ——— *tauricus*. Karakaš. 5748.

ECHINOCORYS [Echinoidea].
 ——— *fercensis*. Lambert. 5787.

ECHINOCYAMUS [Echinoidea].
 ——— *lorioli*. Checchia-Rispoli.
 5440.

ECHINOLAMPAS [Echinoidea].
 ——— *feiranensis*. Gregory. 5645.
 ——— *stefanini*. Nelli. 5920.
 ——— *stefanini* var. *oblonga* n. var.
 Nelli. 5920.
 ——— *subcylindricus* var. *rojanensis* n. var. Fourtau. 5583.
 ——— *ujoliniti*. Stefanini. 6148.

ECHINOSPATAGUS [Echinoidea].
 ——— *gaudryi*. Cottreau. 5494.

ECHINUS [Echinoidea].
 ——— *batheri*. Checchia-Rispoli.
 5440.

Engelda n. gen. [Echinoidea]. Tornquist. 6185.

EPIASTER [Echinoidea].
 ——— *duncani*. Kossmat. 5778.
 ——— *orientalis*. Kossmat. 5778.

EUPATAGUS [Echinoidea].
 ——— *sanmarrensis*. Nelli. 5920.

EUSPATANGUS [Echinoidea].
 ——— *cleopatrae*. Fourtau. 5583.

Garumnaster n. gen. [Echinoidea].
 ——— *Lambert*. 5787.
 ——— *michaleti*. Lambert. 5787.

GONIOPYGUS [Echinoidea].
 ——— *bazerquei*. Lambert. 5787.
 ——— *tetraphyma*. Lambert. 5787.

HABROCRINUS [Crinoidea].
 ——— *farringtoni*. Slocum. 6132.
 ——— *lemontensis*. Slocum. 6132.

HEMIASTER [Echinoidea].
 ——— *boulei*. Cottreau. 5494.
 ——— *semiae*. Kossmat. 5778.

HEMIPEDINA [Echinoidea].
 ——— *parrula*. Tornquist. 6185.

HETERODIADEMA [Echinoidea].
 ——— *bigranulatum*. Gregory.
 5645.

HOLECTYPUS [Echinoidea].
 ——— *proximus*. Lambert. 5787.

HYPODIADEMA [Echinoidea].
 ——— *menutias*. Lambert &
 Lemoine. 5793.

Leptodiscus n. gen. [Crinoidea]. Rowley.
 6052.

——— *corrugatus*. Rowley. 6052.

LINTHIA [Echinoidea].
 ——— *bazerquei*. Lambert. 5787.
 ——— ? *californica*. Weaver. 6233.

Lonchocrinus n. gen. [Pentacrinoidea].
 Jaekel. 5729.

MICROPEDINA [Echinoidea].
 ——— *bipatellis*. Gregory. 5645.

MICROPSIS [Echinoidea].
 ——— *cerizolsewisi*. Lambert. 5787.

NUCLEOPYGUS [Echinoidea].
 ——— *carezi*. Lambert. 5787.

PALAEOPEDINA [Echinoidea].
 ——— *sowdelingensis*. Tornquist.
 6185.

PERICOSMUS [Echinodermata].
 ——— *timorensis*. Lambert. 5792.

PHYMOSOMA [Echinoidea].
 ——— *carezi*. Lambert. 5787.
 ——— *savini*. Lambert. 5787.

Pilocrinus n. gen. [Pentacrinoidea].
 Jaekel. 5729.

PLATYCRINUS [Crinoidea].
 ——— *augusta*. Slocum. 6132.
 ——— *dodgei*. Rowley. 6052.

PLESIOLAMMAS [Echinoidea].
 ——— *paquieri*. Lambert. 5786.
 ——— *titanensis*. Nelli. 5920.

Podolithus n. gen. [Crinoidea]. Sardeson. 6060.
 ——— *anomalocrinus*. Sardeson. 6060.
 ——— *dendrocrinus*. Sardeson. 6060.
 ——— *eucheirocrinus*. Sardeson. 6060.
 ——— *schizocrinus*. Sardeson. 6060.
 ——— *strophocrinus* n. nom. Sardeson. 6060.

POTERIOCRINUS [Crinoidea].
 ——— *jeffriesi*. Rowley. 6052.

Proholopus n. gen. [Pentacrinoidea]. Jaekel. 5729.

Protobrissus n. gen. [Echinoidea]. Lambert. 5787.
 ——— *mortensenii*. Lambert. 5787.

Psammechinus [Echinoidea].
 ——— *mazonii*. Nelli. 5920.

Pseudolopus n. gen. [Pentacrinoidea]. Jaekel. 5729.

Rachiosoma [Echinoidea].
 ——— *lorioli*. Lambert. 5787.

SELENIA [Echinoidea].
 ——— *cristata*. Fourtau. 5583.

SELENIA [Echinoidea].
 ——— *paquieri*. Lambert. 5787.

SCHIZASTER [Echinoidea].
 ——— *stalderi*. Weaver. 6233.
 ——— *vicinalis* var. *libycus* n. var. Fourtau. 5583.

SCHIZOBLASTUS [Blastoidea].
 ——— *delta*. Boehm. 5349.
 ——— *timorensis*. Boehm. 5349.

SCUTELLA [Echinoidea].
 ——— *airayhi*. Nelli. 5920.
 ——— *perrini*. Weaver. 6233.

SCUTELLINA [Echinoidea].
 ——— *alexati*. Cottreau & Alexat. 5495.

SPATANGUS [Echinoidea].
 ——— *distefanoi*. Checchia-Rispoli. 5440.
 ——— *lamberti*. Checchia-Rispoli. 5440.

SPIAERECHINUS [Echinoidea].
 ——— *scillae*. Checchia-Rispoli. 5440.

STEPHANOCRINUS [Crinoidea].
 ——— *obconicus*. Slocum. 6132.
 ——— *skiffii*. Slocum. 6132.

THYLECHINUS [Echinoidea].
 ——— *quincuncialis*. Gregory. 5645.
 ——— *trigranulatus*. Gregory. 5645.

THYSANOCRINUS [Crinoidea].
 ——— *campanulatus*. Slocum. 6132.

TRISTOMASTUS [Echinoidea].
 ——— *lecointseae*. Lambert. 5789.

ZOPHOCRINUS [Crinoidea].
 ——— *globosus*. Slocum. 6132.
 ——— *pyriformis*. Slocum. 6132.

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SERPULA [Polychaeta].
 ——— *markmani*. Henderson. 5673.
 ——— *rotundoquadrata*. Krause. 5780.
 ——— *subvumulus*. Nelli. 5920.

SPIRORBIS [Annelida].
 ——— *latissimus*. Clarke. 5454.
 ——— *texanus*. Girty. 5622.

TENTACULITES [Annelida].
 ——— *cartieri*. Clarke. 5454.
 ——— *leclercquia*. Clarke. 5454.

2031 BRACHIOPODA AND BRYOZOA.

ACANTHOCLADIA [Bryozoa].
 ——— *guadalupensis*. Girty. 5622.

ACROTHELE [Brachiopoda].
 ——— *artemis*. Walcott. 6222.
 ——— *bellapunctata*. Walcott. 6222.
 ——— *bergeroni*. Walcott. 6222.
 ——— *borgholmensis*. Walcott. 6222.
 ——— *levisensis*. Walcott. 6222.
 ——— *spurri*. Walcott. 6222.
 ——— *subsidua hera* n. var. Walcott. 6222.
 ——— *turneri*. Walcott. 6222.
 ——— *woodworthi*. Walcott. 6222.
 ——— *yorkensis*. Walcott. 6222.

Acrothelinae n. subfam. [Brachiopoda]. Walcott & Schuchert. 6222.

ACROTRETA [Brachiopoda].
 ——— *bellatula*. Walcott. 6222.
 ——— *marjumensis*. Walcott. 6222.
 ——— *ophurensis descendens* n. var. Walcott. 6222.
 ——— *rudis*. Walcott. 6222.
 ——— *ulrichi*. Walcott. 6222.

Acrotretinae n. subfam. [Brachiopoda]. Walcott & Schuchert. 6222.

ACTINOTRYPA [Bryozoa].
— *sera*. Girty. 5622.

AMBOCOELIA [Brachiopoda].
— *planiconvexa guadalupensis* n. var. Girty. 5622.

ARCTITRETA n. gen. [Brachiopoda]. Whitfield. 6244.
— *pearyi*. Whitfield. 6244.

ATHYRIS [Brachiopoda].
— *ambouensis*. Boehm. 5349.
— *hera*. Clarke. 5454.
— *montanensis*. Kindle. 5762.

ATRYPA [Brachiopoda].
— *desquamata* var. *rugosa* n. var. Gortani. 5631.
— *spinosa montanensis* n. var. Kindle. 5762.

AULOSTEGES [Brachiopoda].
— *magnicostatus*. Girty. 5622.
— *medlicottianus americanus* n. var. Girty. 5622.

BEACHIA [Brachiopoda].
— *amplexa*. Clarke. 5454.

BICINAE n. subfam. [Brachiopoda].
Walcott & Schuchert. 6222.

BILLINGSELLA [Brachiopoda].
— *major*. Walcott. 6222.
— *marion*. Walcott. 6222.

BOTSFORDIA [Brachiopoda].
— *barrandei*. Walcott. 6222.

BYTHOPORA [Bryozoa].
— *ulrichi*. Hennig. 5676.

CABEROIDES n. gen. [Bryozoa]. Canu. 5415.
— *canaliculata*. Canu. 5415.
— *grignonensis*. Canu. 5415.

CALLOPORA [Bryozoa].
— *baltica*. Hennig. 5676.
— *bassleri*. Hennig. 5676.
— *claviformis*. Hennig. 5676.
— *froudosa*. Cummings. 5490.
— *varians*. Hennig. 5676.

CALVETINA n. gen. [Bryozoa]. Canu. 5415.
— *rentricosa*. Canu. 5415.

CAMAROPHORELLA n. gen. [Brachiopoda]. Hyde. 5722.
— *mutabilis*. Hyde. 5722.

CAMAROPHORIA [Brachiopoda].
— *venusta*. Girty. 5622.

CATENICELLA [Bryozoa].
— *granulosa*. Canu. 5415.

CERAMOPORA [Bryozoa].
— *armata*. Hennig. 5676.
— *lindströmi*. Hennig. 5676.
— *perforata*. Hennig. 5676.

CHONETES [Brachiopoda].
— *billingsi*. Clarke. 5454.
— *hillanus*. Girty. 5622.
— *subliratus*. Girty. 5622.

CLARKELLA n. gen. [Brachiopoda].
Walcott. 6222.

COMPOSITA [Brachiopoda].
— *emarginata*. Girty. 5622.
— *emarginata aefinis* n. var. Girty. 5622.
— *mexicana guadalupensis* n. var. Girty. 5622.

CRANIA [Brachiopoda].
— *dodgei*. Rowley. 6052.
— *spiculata*. Rowley. 6052.

CRANIELLA [Brachiopoda].
— *granlegrevensis*. Clarke. 5454.

CRANOENA [Brachiopoda].
— *morsii*. Greger. 5643.

CREPIPORA [Bryozoa].
— *lunariata*. Hennig. 5676.

CRIBRILINA [Bryozoa].
— *dibleyi*. Brydone. 5398.
— *gregoryi*. Brydone. 5398.
— *jukes-browni* n. sp. Brydone. 5398.
— *sherbourni*. Brydone. 5398.

CRYPTONELLA [Brachiopoda].
— *elsi*. Clarke. 5454.

CURTICIIDAE n. fam. [Brachiopoda].
Walcott & Schuchert. 6222.

CYCLOTRYPA [Bryozoa].
— *inflata*. Hennig. 5676.
— *silurica*. Hennig. 5676.

DALMANELLA [Brachiopoda].
— *penouili*. Clarke. 5454.

DALMANELLA [Brachiopoda].
— *allegania*. Williams. 6249.
— *carinata epsilon* n. var. Williams. 6249.
— *danbyi*. Williams. 6249.
— *elmira*. Williams. 6249.
— *virginia*. Williams. 6249.
— *virginia beta* n. var. Williams. 6249.

DEARBORNIA n. gen. [Brachiopoda].
Walcott. 6222.
— *clarki*. Walcott. 6222.

DEFRANCIA [Bryozoa].
— *aspidooides*. Butter. 5345.

DERBYA [Brachiopoda].
 ——— *crenulata*. Girty. 5622.
 ——— *nasuta*. Girty. 5622.

DIASTOPORA [Bryozoa].
 ——— *sparsipora*. Canu. 5413.

DICELLOMUS [Brachiopoda].
 ——— *parvus*. Walcott. 6222.
 ——— *prolificus*. Walcott. 6222.

DIELASMA [Brachiopoda].
 ——— *ambonense*. Boehm. 5349.
 ——— *cordatum*. Girty. 5622.
 ——— *prolongatum*. Girty. 5622.
 ——— *scutulatum*. Girty. 5622.
 ——— *spatulatum*. Girty. 5622.
 ——— *sulcatum*. Girty. 5622.

DIELASMINA [Brachiopoda].
 ——— *guadalupensis*. Girty. 5622.

DISCINA [Brachiopoda].
 ——— *bascui* n. f. Kittl. 5766.

DOMOPORA [Bryozoa].
 ——— *constricta*. Girty. 5622.
 ——— *hillana*. Girty. 5622.
 ——— *inerustans*. Girty. 5622.
 ——— *ocellata*. Girty. 5622.
 ——— *terminalis*. Girty. 5622.
 ——— *vittata*. Girty. 5622.

Eikaninae n. subfam. [Brachiopoda].
 Walcott & Schuchert. 6222.

ENTELETES [Brachiopoda].
 ——— *angulatus*. Girty. 5622.
 ——— *dumblei*. Girty. 5622.
 ——— *globosus*. Girty. 5622.

Eoorthinae n. subfam. [Brachiopoda].
 Walcott. 6222.

Eoorthis n. gen. [Brachiopoda].
 Walcott. 6222.
 ——— *clarki*. Walcott. 6222.
 ——— *newberryi*. Walcott. 6222.
 ——— *thyone*. Walcott. 6222.
 ——— *zeno*. Walcott. 6222.

ERIDOTRYPA [Bryozoa].
 ——— *crassa*. Hennig. 5676.
 ——— *densipora*. Hennig. 5676.
 ——— *ramosa*. Hennig. 5676.

ESCHARA [Bryozoa].
 ——— *rowei*. Brydone. 5398.

FASCICULARIA [Bryozoa].
 ——— *multiramosa*. Steinmann & Wilckens. 6159.

FENESTELLA [Bryozoa].
 ——— *capitaneusis*. Girty. 5622.
 ——— *guadalupensis*. Girty. 5622.
 ——— *hilli*. Girty. 5622.
 ——— *texana*. Girty. 5622.

FISTULIPORA [Bryozoa].
 ——— *corticea*. Hennig. 5676.
 ——— *grandis* *guadalupensis*.
 n. var. Girty. 5622.
 ——— *guadalupae*. Girty. 5622.
 ——— *membrauacea*. Hennig. 5676.
 ——— *mutabilis*. Hennig. 5676.
 ——— *parva*. Hennig. 5676.

FORDINIA n. subgen. [Brachiopoda].
 Walcott. 6222.

Gaspesia n. gen. [Brachiopoda].
 Clarke. 5454.

GEYERELLA [Brachiopoda].
 ——— *americana*. Girty. 5622.

GLOSSINA [Brachiopoda].
 ——— *acer* n. sp. Clarke. 5454.

GONIOLADIA [Bryozoa].
 ——— *americana*. Girty. 5622.

HAPLOOECIA [Bryozoa].
 ——— *annulata*. Filliozat. 5578.
 ——— *canui*. Filliozat. 5578.

HARTTINA [Brachiopoda].
 ——— *indianensis*. Girty. 5622.

HEDERELLA [Bryozoa].
 ——— *blainvillii*. Clarke. 5454.

Heterelasma n. gen. [Brachiopoda].
 Girty. 5622.
 ——— *shumardianum*. Girty. 5622.
 ——— *venustum*. Girty. 5622.

HETEROCELLA [Bryozoa].
 ——— *lerichei*. Canu. 5413.

HETEROPORA [Bryozoa].
 ——— *aquitanica*. Canu. 5413.

HIPPOPORINA [Bryozoa].
 ——— *crenulata*. Canu. 5415.
 ——— *cibroricellosa*. Canu. 5415.
 ——— *punctifera*. Canu. 5415.

HIPPOTHOA [Bryozoa].
 ——— *aquitanica*. Canu. 5413.

HOMOTRYPA [Bryozoa].
 ——— *constellariiformis*. Cummings. 5490.

HORNERA [Bryozoa].
 ——— *circumporosa*. Beutter. 5345.

Huenella n. gen. [Brachiopoda]. Walcott. 6222.
 ——— *etheridgei*. Walcott. 6222.
 ——— *lesleyi*. Walcott. 6222.

HUSTEDIA [Brachiopoda].
 ——— *bipartita*. Girty. 5622.
 ——— *meekana trigonalis* n. var.
 Girty. 5622.

HYPOTHYRIS [Brachiopoda].
 ——— *globularis*. Kindle. 5762.

IDMONEA [Bryozoa].
 ——— *non reticulata*. Beutter. 5345.
 ——— *parvula*. Beutter. 5345.

KARPINSKYA [Brachiopoda].
 ——— *consuelo*. Gortani. 5631.
 ——— *consuelo* var. *geyeri* n. var. Gortani. 5631.
 ——— *consuelo* var. *taramellii* n. var. Gortani. 5631.

KONINCKINA [Brachiopoda].
 ——— *productiformis*. Kittl. 5766.

KUTORGINACEA n. superfam. [Brachiopoda]. Walcott & Schuchert. 6222.

LEIOCLEMA [Bryozoa].
 ——— *shumardi*. Girty. 5622.

LEIORHYNCHUS [Brachiopoda].
 ——— *utahensis*. Kindle. 5762.

LEPTODUS [Brachiopoda].
 ——— *americanus*. Girty. 5622.
 ——— *guadalupensis*. Girty. 5622.

LEPTOSTROPHIA [Brachiopoda].
 ——— *tarditi*. Clarke. 5454.

LINGULA [Brachiopoda].
 ——— *elliptica*. Clarke. 5454.
 ——— *lineolata*. Rowley. 6052.
 ——— *missionensis*. Rowley. 6052.
 ——— *ovata*. Cleland. 5457.
 ——— *oreoides*. Knod. 5768.
 ——— *subovata*. Knod. 5768.
 ——— *subpanellata*. Knod. 5768.

LINGULELLA [Brachiopoda].
 ——— *acuminata sequens* n. var. Walcott. 6222.
 ——— *buttsi*. Walcott. 6222.
 ——— *texana*. Walcott. 6222.

LINNARSSONELLA [Brachiopoda].
 ——— *modesta*. Walcott. 6222.
 ——— *nitens*. Walcott. 6222.
 ——— *transversa*. Walcott. 6222.
 ——— *urania*. Walcott. 6222.

MARTINIA [Brachiopoda].
 ——— *rhomboidalis*. Girty. 5622.
 ——— *shumardiana*. Girty. 5622.
 ——— *triquetra* var. *pentagona* n. var. Grober. 5647.

MEEKELLA [Brachiopoda].
 ——— *attenuata*. Girty. 5622.
 ——— *difficilis*. Girty. 5622.
 ——— *multilirata*. Girty. 5622.
 ——— *skenoides*. Girty. 5622.

MEGALANTERIS [Brachiopoda].
 ——— *thuneli*. Clarke. 5454.

MEMBRANIPORA [Bryozoa].
 ——— *britannica*. Brydone. 5398.
 ——— *falloti*. Canu. 5413.
 ——— *griffithi*. Brydone. 5398.
 ——— *trimminghamensis*. Brydone. 5398.

MENISCOPORA [Bryozoa].
 ——— *acquitanica*. Canu. 5413.
 ——— *armata*. Canu. 5415.
 ——— *dimorpha*. Canu. 5415.
 ——— *laevigata*. Canu. 5415.
 ——— *simehi*. Canu. 5415.
 ——— *suberenatula*. Canu. 5415.

MERISTELLA [Brachiopoda].
 ——— *champlaini*. Clarke. 5454.

MESOTRYPA [Bryozoa].
 ——— *suprasilurica*. Hennig. 5676.

MICKWITZELLA n. subgen. [Brachiopoda]. Walcott. 6222.

MICKWITZIA [Brachiopoda].
 ——— *occidens*. Walcott. 6222.
 ——— *pretiosa*. Walcott. 6222.

MICROMITRA [Brachiopoda].
 ——— *haydeni*. Walcott. 6222.
 ——— *louise*. Walcott. 6222.
 ——— *nyssa*. Walcott. 6222.
 ——— *sculptilis endlichei* n. var. Walcott. 6222.
 ——— *stuarti*. Walcott. 6222.
 ——— *rapta*. Walcott. 6222.
 ——— *williardi*. Walcott. 6222.

MICRONELLA [Bryozoa].
 ——— *batheri*. Brydone. 5398.

MONOTRYPA [Bryozoa].
 ——— *gotlandica*. Hennig. 5676.
 ——— *raritabulata*. Knod. 5768.

NEOBOLINAE n. subfam. [Brachiopoda]. Walcott & Schuchert. 6222.

NISESIA [Brachiopoda].
 ——— *kanabensis*. Walcott. 6222.
 ——— *lowi*. Walcott. 6222.
 ——— *rara*. Walcott. 6222.

NISUSIINAe n. subfam. [Brachiopoda]. Walcott & Schuchert. 6222.

NOTOTHYRIS [Brachiopoda].
 ——— *schuchertensis*. Girty. 5622.
 ——— *schuchertensis orata* n. var. Girty. 5622.

OBOLELLIDAE n. fam. [Brachiopoda]. Walcott & Schuchert. 6222.

OBOLUS [Brachiopoda].

- *dartoni*. Walcott. 6222.
- *ella onaquiensis* n. var. Walcott. 6222.
- *elongatus*. Walcott. 6222.
- *gilberti*. Walcott. 6222.
- *membranaceus*. Walcott. 6222.
- *notchensis*. Walcott. 6222.
- *parvus*. Walcott. 6222.
- *perfectus*. Walcott. 6222.
- *smithi*. Walcott. 6222.
- *tetonensis leda* n. var. Walcott. 6222.
- *wasatchensis*. Walcott. 6222.
- *wortheni*. Walcott. 6222.

ORBICULOIDEA [Brachiopoda].

- *limata*. Rowley. 6052.
- *montis*. Clarke. 5454.

Orthacea n. superfam. [Brachiopoda]. Walcott & Schuchert. 6222.

ORTHIS [Brachiopoda].

- *foro-juliensis*. Gortani. 5631.

ORTHOSTROPHIA [Brachiopoda].

- *canadensis*. Clarke. 5454.

ORTHOHETES n. f. indenom. [Brachiopoda]. Gortani. 5631.

- *declinis*. Girty. 5622.
- *distortus*. Girty. 5622.
- *distortus campanulatus* n. var. Girty. 5622.
- *guadalupensis*. Girty. 5622.
- *woolworthanus gaspensis* n. mut. Clarke. 5454.

PENTAMERUS n. f. indenom. [Brachiopoda]. Gortani. 5631.

PHOLIDOSTROPHIA [Brachiopoda].

- *parksii*. Rowley. 6052.

PLATYSTROPHIA [Brachiopoda].

- *acutilirata senex* n. var. Cummings. 5490.
- *lynx moritura* n. var. Cummings. 5490.

PRASOPORA [Bryozoa].

- *gotlandica*. Hennig. 5676.

PRODUCTUS [Brachiopoda].

- *guadalupensis*. Girty. 5622.
- *guadalupensis comancheanus* n. var. Girty. 5622.
- *horridus* var. *auritulus* n. var. Eisel. 5556.
- *horridus* var. *bufoninus* n. var. Eisel. 5556.
- *horridus* var. *geranus* n. var. Eisel. 5556.

PRODUCTUS [Brachiopoda].

- *horridus* var. *hoppeianus* n. var. Eisel. 5556.
- *horridus* var. *initialis* n. var. Eisel. 5556.
- *horridus* var. *laspeanus* n. var. Eisel. 5556.
- *indentatus*. Girty. 5622.
- *latidorsatus*. Girty. 5622.
- *limbatis*. Girty. 5622.
- *meekanus*. Girty. 5622.
- *pinniformis*. Girty. 5622.
- *popei opimus* n. var. Girty. 5622.
- *semireticulatus arctica* n. var. Whitfield. 6244.
- *semireticulatus capitaneensis* n. var. Girty. 5622.
- *signatus*. Girty. 5622.
- *subhorridus rugatulus*. Girty. 5622.
- *texanus*. Girty. 5622.
- *waagenianus*. Girty. 5622.
- *walcottianus*. Girty. 5622.

PUGNAX [Brachiopoda].

- *bidentata*. Girty. 5622.
- *bisulcata grata* n. var. Girty. 5622.
- *bisulcata seminudoides* n. var. Girty. 5622.
- *elegans*. Girty. 5622.
- *nitida*. Girty. 5622.
- *pinguis*. Girty. 5622.
- *pusilla*. Girty. 5622.
- *shumardiana*. Girty. 5622.
- *weeksi*. Girty. 5622a.

PTYCHOSPIRA [Brachiopoda].

- *variegata*. Reed. 6014.

PYRIPORA [Bryozoa].

- *tuberosa*. Canu. 5413.

RAFINESQUINA [Brachiopoda].

- *alternata ponderosa* n. var. Cummings. 5490.

Redlichella n. subgen. [Brachiopoda]. Walcott. 6222.

RENSSELAERIA [Brachiopoda].

- *montaguensis*. Reed. 6017.
- *ovoides gaspensis* n. var. Clark. 5454.

RETEPORA [Bryozoa].

- *orglandesi*. Canu. 5415.

RHAGASOSTOMA [Bryozoa].

- *parvicella*. Filliozat. 5578.

RHAMPHOSTOMELLA [Bryozoa].

- *bursauchi*. Canu. 5415.

RHIPIDOMELLA [Brachiopoda].
 ——— *lehuquetiana*. Clarke. 5454.
 ——— *logani*. Clarke. 5454.

RHYNCHONELLA n. f. indenom. [Brachiopoda]. Gortani. 5631.
 ——— *canoratensis* n. f. Gortani. 5631.
 ——— *echivaldi*. Karakaš. 5781.
 ——— *epentagona* n. f. Kittl. 5766.
 ——— *longaera*. Girty. 5622.
 ——— *nora*. Karakaš. 5748.
 ——— *selliformis*. Lewinski.
 ——— *tschernyschevi*. Karakaš. 5748.
 ——— *uncinatocostata*. Krause. 5780.

RHYNCHOPORA [Brachiopoda].
 ——— *ambonensis*. Boehm. 5349.

ROSELLIANA [Bryozoa].
 ——— *crassa*. Filliozat. 5578.

Rustellacea n. superfam. [Brachiopoda]. Walcott. 6222.

Rustellidae n. fam. [Brachiopoda]. Walcott. 6222.

SCAPHIOCOELIA [Brachiopoda].
 ——— ? *africana*. Reed. 6014.
 ——— ? *africana* var. *elizabethae* n. var. Reed. 6017.

SCHIZOPHORIA [Brachiopoda].
 ——— ? *amii*. Clarke. 5454.

SCHIZOPORELLA [Bryozoa].
 ——— *nuda*. Canu. 5415.

Schizostoma n. gen. [Bryozoa]. Canu. 5415.
 ——— *aviculariferum*. Canu. 5415.
 ——— *crassum*. Canu. 5415.
 ——— *denticulatum*. Canu. 5415.
 ——— *liancourti*. Canu. 5415.

SCHUCHERTELLA [Brachiopoda].
 ——— *extensus*. Kindle. 5762.

Schuchertinidae n. fam. [Brachiopoda]. Walcott. 6222.

SEMIESCHARA [Bryozoa].
 ——— *canii*. Brydone. 5398.
 ——— *mundeslevensis*. Brydone. 5398.
 ——— *pergensi*. Brydone. 5398.
 ——— *woodsi*. Brydone. 5398.

SEMIMULTELEA [Bryozoa].
 ——— *dixoni*. Lang. 5796.

SEMINULA [Brachiopoda].
 ——— *buckleyi*. Rowley. 6052.

Siphonotretacea n. superfam. [Brachiopoda]. Waicott & Schuchert. 6222.

SMITTIA [Bryozoa].
 ——— *cylindrica*. Canu. 5415.
 ——— *dercyesi*. Canu. 5415.
 ——— *variabilis*. Canu. 5415.

Smittisoma n. gen. [Bryozoa]. Canu. 5415.

Sparsicystis n. gen. [Bryozoa]. Filliozat. 5578.

SPATIOPORA [Bryozoa].
 ——— *discoidea*. Hennig. 5676.
 ——— *irregularis*. Hennig. 5676.

SPIRIFER [Brachiopoda].
 ——— *mexicanus compactus* n. var. Girty. 5622.
 ——— *modestus nitidulus* n. var. Clarke. 5454.
 ——— *occidentalis*. Kindle. 5762.
 ——— *planoconvexus*. Knod. 5768.

SPIRIFERINA [Brachiopoda].
 ——— *ambonensis*. Boehm. 5349.
 ——— *billingsi retusa* n. var. Girty. 5622.
 ——— *erax*. Girty. 5622.
 ——— *hilli*. Girty. 5622.
 ——— *hilli polypeurus* n. var. Girty. 5622.
 ——— *laza*. Girty. 5622.
 ——— *malayana*. Boehm. 5349.
 ——— *molukkana*. Boehm. 5349.
 ——— *primarialis*. Kittl. 5766.
 ——— *pyramidalis*. Girty. 5622.
 ——— *rostrata* var. *madagascariensis* n. var. Thevenin. 6180.
 ——— *suleata*. Girty. 5622.
 ——— *welleri*. Girty. 5622.

SPIROPORA [Bryozoa].
 ——— *idmonoides*. Beutter. 5345.

SQUAMULARIA [Brachiopoda].
 ——— *guadalupensis oralis* n. var. Girty. 5622.
 ——— *guadalupensis subquadrata* n. var. Girty. 5622.

STENOPORA [Bryozoa].
 ——— *granulosa*. Girty. 5622.
 ——— *polyspinosa richardsoni* n. var. Girty. 5622.

STREPTORHYNCHUS [Brachiopoda].
 ——— *gregarium*. Girty. 5622.
 ——— *perattenuatum*. Girty. 5622.
 ——— *pygmaeum*. Girty. 5622.

STROPHALOSIA [Brachiopoda].
 ——— *hystricula*. Girty. 5622.

STROPHEDONTA [Brachiopoda].
 ——— *crebristriata simplex* n. mut. Clarke. 5454.
 ——— *huni*. Clarke. 5454.
 ——— *katzeri*. Knod. 5768.
 ——— *parva avita* n. mut. Clarke. 5454.
 ——— *pateroni precedens* n. mut. Clarke. 5454.
 ——— *rosieri*. Clarke. 5454.

STROPHONELLA [Brachiopoda].
 ——— *continens*. Clarke. 5454.

SYNTROPHIA [Brachiopoda].
 ——— *cambria*. Walcott. 6222.
 ——— *campbelli*. Walcott. 6222.
 ——— *unzia*. Walcott. 6222.

STRINGOTHYRIS [Brachiopoda].
 ——— *arctica*. Whitfield. 6244.

Taphrostoma n. gen. [Bryozoa]. Canu. 5415.

TAPHROSTOMA [Bryozoa].
 ——— *spinatum*. Canu. 5415.

TEGULIFERA [Brachiopoda].
 ——— *armata*. Girty. 5622A.
 ——— *kansasensis*. Girty. 5622A.

TEREBRATELLA [Brachiopoda].
 ——— *minima*. Karakaš. 5748.
 ——— *nataliae*. Chimenkov. 5445.

TEREBRATULA [Brachiopoda].
 ——— *zieteni* var. *quadrata* n. var. Oppenheimer. 5936.

THAMNISCUS [Bryozoa].
 ——— *digitatus*. Girty. 5622.

Thiemella n. gen. [Brachiopoda].
 ——— Williams. 6249.
 ——— *villenovia*. Williams. 5249.

TREMATOBOLUS [Brachiopoda].
 ——— *excepsis*. Walcott. 6222.

TUBUCELLARIA [Bryozoa].
 ——— *punctata*. Canu. 5413.

Wimanella n. gen. [Brachiopoda].
 ——— Walcott. 6222.
 ——— *inyoensis*. Walcott. 6222.
 ——— *shelbyensis*. Walcott. 6222.
 ——— *simplex*. Walcott. 6222.

ZEILLERIA [Brachiopoda].
 ——— *bisellata*. Karakaš. 5748.
 ——— *farrei*. Karakaš. 5748.
 ——— *pentagonalis*. Karakaš. 5748.

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ACANTHOCERAS [Ammonoidea].
 ——— *coloradoensis*. Henderson. 5673.
 ——— *tuberculatum*. Karakaš. 5748.

ACANTHODISCUS [Cephalopoda].
 ——— *lamberti*. Sayn. 6064A.

ACANTHOHOPLITES [Cephalopoda].
 ——— *evolutus*. Sincov. 6131.
 ——— *laticostatus*. Sincov. 6131.
 ——— *lorioli*. Sincov. 6131.
 ——— *subangulatus*. Sincov. 6131.
 ——— *subpetioceroides*. Sincov. 6131.

ACILIA [Gastropoda].
 ——— *gracilis*. Häberle. 5652.

ACTAEON [Gastropoda].
 ——— *andinus*. Haupt. 5667.

ACTAEONINIA [Gastropoda].
 ——— *gipsata*. Zeller. 6302.

ACTEON [Gastropoda].
 ——— *pomilius multannatus* n. var. Aldrich. 5284.

Actinopterella n. gen. [Pelecypoda].
 Williams. 6250.

ACTINOPTERIA [Pelecypoda].
 ——— *fronsacia*. Clarke. 5455.
 ——— *ulrichi*. Knod. 5768.

AEGOCERAS [Cephalopoda].
 ——— *adnethicum* var. *involuta* n. var. Vadász. 6205.
 ——— *centaurus* var. *bornholmensis* n. var. Malling & Grönwall. 5858.
 ——— *landui*. Boehm. 5349.
 ——— *simplex*. Vadász. 6205.

AGASOMA [Gastropoda].
 ——— *santacruzana*. Arnold. 5309.
 ——— *stanfordensis*. Arnold. 5309.

AGATHICERAS [Cephalopoda].
 ——— *timorense*. Boehm. 5349.
 ——— *texanum*. Girty. 5622.

AGRIA [Pelecypoda].
 ——— *choffai*. Toucas. 6186.
 ——— *gardonica*. Toucas. 6186.
 ——— *grosssourrei*. Toucas. 6186.
 ——— *praeeexcavata*. Toucas. 6186.
 ——— *rousseli*. Toucas. 6186.

Akidocheilus n. gen. [Cephalopoda].
 Till. 6183.
 ——— *ambiguus*. Till. 6183.
 ——— *chomcracensis*. Till. 6183.
 ——— *irregularis*. Till. 6183.
 ——— *levigatus*. Till. 6183.

Akidocheilus provincialis. Till. 6183.
 ——— *regularis.* Till. 6183.
 ——— *tauricus.* Till. 6183.
 ——— *transicus.* Till. 6183.

ALARIA [Gastropoda].
 ——— *gothica.* Krause. 5780.

ALLORISMA [Pelecypoda].
 ——— *stachei.* Airaghi. 5280.
 ——— *tornquisti.* Airaghi. 5280.

AMNIGENIA [Pelecypoda].
 ——— *boliviensis.* Knod. 5768.

AMUSSIOPECTEN [Pelecypoda].
 ——— *flabellum.* Ugolini. 6200.
 ——— *rinassai.* Ugolini. 6200.

AMUSSIUM [Pelecypoda].
 ——— *serobiculatum.* Schepman. 6068.

ANATINA [Pelecypoda].
 ——— *doddsi.* Henderson. 5673.

ANISOCARDIA [Pelecypoda].
 ——— *alta.* Krause. 5780.
 ——— *elator.* Krause. 5780.
 ——— *exporrecta.* Krause. 5780.
 ——— *grandis.* Krause. 5780.

ANODONTA [Pelecypoda].
 ——— *cornelliana.* Maury. 5873.
 ——— *nordenskjöldi.* Steinmann & Wilckens. 6159.

ANOMIA [Pelecypoda].
 ——— *densestriata.* Krause. 5780.
 ——— *discus.* Krause. 5780.
 ——— *inflata.* Krause. 5780.

ANOPLOPHORIA [Pelecypoda].
 ——— *montis fluvii.* Zeller. 6302.

ANTHONYA [Pelecypoda].
 ——— *cantiana.* Wood. 6273.
 ——— *lineata.* Kitchen. 5765.

APORRHAIS [Gastropoda].
 ——— *campichei.* Karakas. 5748.
 ——— *koeneni.* Grönwall & Harder. 5649.
 ——— *mangousehensis.* Karakas. 5748.
 ——— *tschukurtschensis.* Karakas. 5748.

APTYCHUS [Cephalopoda].
 ——— *crassissimus.* Haupt. 5667.

ARCA [Pelecypoda].
 ——— *diluria* var. *depressa* n. var. Cerulli-Irelli. 5437.
 ——— *lignitifera.* Aldrich. 5284.
 ——— *pectunculoides* var. *fasciata* n. var. Cerulli-Irelli. 5437.
 ——— *tenuierenata.* Cossmann. 5486.

ARCESTES [Cephalopoda].
 ——— *petrosensis.* n. f. Kittl. 5766.
 ——— *sublimidiatus.* n. f. Kittl. 5766.
 ——— *trilabiatus* n. f. Kittl. 5766.
 ——— *trilabiatus* var. *crassus* n. var. Kittl. 5766.
 ——— *trilabiatus* var. *discoides* n. var. Kittl. 5766.

ARCHINACELLA [Gastropoda].
 ——— *prendergasti.* Reed. 6015.

ARCHITECTONICA [Gastropoda].
 ——— *lorenzoensis.* Arnold. 5309.

ARCICARDIUM [Pelecypoda].
 ——— *kubanicum.* Andrusov. 5294.
 ——— *planacardo.* Andrusov. 5294.
 ——— *pseudacardo.* Andrusov. 5294.
 ——— *subacardo.* Andrusov. 5294.

ARIETITES [Cephalopoda].
 ——— *altesuleatus* var. *involuta* n. var. Vadász. 6205.
 ——— *carenatus* var. *antiqua* n. var. Vadász. 6205.
 ——— *obtusus* var. *vulgaris* n. var. Vadász. 6205.
 ——— *pseudospiralis.* Vadász. 6025.
 ——— *raricostatooides.* Vadász. 6205.
 ——— *spatissimus* var. *simplex* n. var. Vadász. 6205.
 ——— *subreectus.* Vadász. 6205.
 ——— *ultraspiratum* var. *costosa* n. var. Vadász. 6205.

ARPADITES [Cephalopoda].
 ——— *redlichi* n. f. Kittl. 5766.

ASPIDOCERAS [Cephalopoda].
 ——— *indo rossicum.* Borisák. 5355.
 ——— *nikitini.* Borisák. 5355.
 ——— *steinmanni.* Haupt. 5667.

ASTARTE [Pelecypoda].
 ——— *cantabrigiensis.* Woods. 6273.
 ——— *rlaxbiensis.* Woods. 6273.
 ——— *guthriensis.* Newton. 5922.
 ——— *lalamenti.* Cossmann. 5489.
 ——— *omaliooides.* Woods. 6273.
 ——— *scrivenori.* Newton. 5922.
 ——— *senecta.* Woods. 6273.
 ——— *upwarensis.* Woods. 6273.

ASTARTELLA [Pelecypoda].
 ——— *nasuta.* Girty. 5622.

ASTIERIA [Cephalopoda].
 ——— *valvoceroides.* Karakas. 5748.

ASTIERIA [Cephalopoda].
 ——— *elejans*. Karakaš. 5748.
 ——— *pavlovi*. Karakaš. 5748.
 ——— *sharpei*. Karakaš. 5748.
 ——— *taurica*. Karakaš. 5748.

ATAPHRUS [Gastropoda].
 ——— *graniformis*. Cossmann. 5487.

ATRACTITES [Cephalopoda].
 ——— *paliformis* n. f. Kittl. 5766.

AUCELLA [Pelecypoda].
 ——— *lindstroemi*. Sokolov. 6136.
 ——— *tschernyschevi*. Sokolov. 6136.
 ——— *volongensis*. Sokolov. 6136.
 ——— *zyrianica*. Sokolov. 6136.

AVICULA [Pelecypoda].
 ——— *alata*. Karakaš. 5748.
 ——— *remniformis*. Krause. 5780.
 ——— *tenuis*. Krause. 5780.

AVICULIPECTEN [Pelecypoda].
 ——— *delawarensis*. Girty. 5622.
 ——— *quadalupensis*. Girty. 5622.
 ——— *infelix*. Girty. 5622.
 ——— *laqueatus*. Girty. 5622.
 ——— *sublaqueatus*. Girty. 5622.

AVICULOPECTEN [Pelecypoda].
 ——— *distefanoi*. Mariani. 5861.
 ——— *incrassatus*. Clarke. 5454.
 ——— *jumeaui*. Clarke. 5454.

AXIMUS [Pelecypoda].
 ——— *regularis*. Grönwall & Harder. 5649.

BELEMNITES [Cephalopoda].
 ——— *patagoniensis*. Favre. 5574.

BELLEROPHON [Gastropoda].
 ——— *altemontanus*, n. nom. Spitz. 6139.
 ——— *angustumphalus*. Spitz. 6139.
 ——— *erypticus*. Reed. 6015.
 ——— *exquisitus*. Spitz. 6139.
 ——— *fraternus*. Reed. 6017.
 ——— *gaspensis*. Clarke. 5454.
 ——— *globosus*. Knod. 5768.
 ——— *heros* n. nom. Spitz. 6139.
 ——— *iners*. Spitz. 6139.
 ——— (s.g.?) *multirugatus*. Reed. 6015.
 ——— *secundus*. Reed. 6015.

BERRIASSELLA [Cephalopoda].
 ——— *patagoniensis*. Favre. 5574.

BOCHIANITES [Cephalopoda].
 ——— *glaber*. Kitchein. 5765.

BROCHIDIUM [Gastropoda].
 ——— *salomonii*. Häberle. 5652.

BUCANIA [Gastropoda].
 ——— *dorsoplana*. Knod. 5768.

BUCANIELLA [Gastropoda].
 ——— *dervinsi*. Knod. 5768.
 ——— *laticarinata*. Knod. 5768.
 ——— *rectangularis*. Knod. 5768.

BUCHIOLA [Pelecypoda].
 ——— *subpalmata*. Reed. 6014.

BULIMORPHA [Gastropoda].
 ——— *chrysalis delawarensis* n. var. Girty. 5622.

CALLIOMPHALUS [Gastropoda].
 ——— *pellati*. Cossmann. 5487.

CAMPTONECTES [Pelecypoda].
 ——— ? *asperatus*. Girty. 5622.
 ——— ? *papillatus*. Girty. 5622.
 ——— ? *sculptilis*. Girty. 5622.

CANCELLARIA [Gastropoda].
 ——— *menadensis*. Schepman. 6068.
 ——— *sotoensis*. Aldrich. 5284.

CAPULUS [Gastropoda].
 ——— *argentinus*. Haupt. 5667.
 ——— *h. philippi*. Häberle. 5652.
 ——— *spangleri*. Henderson. 5673.

CARBONICOLA [Pelecypoda].
 ——— *carbonaria* f. *trapezoides* n. f. Schmidt. 6071.
 ——— *palatina*. Schmidt. 6071.
 ——— *suravana*. Schmidt. 6071.

CARDIOCERAS [Cephalopoda].
 ——— *borussicum*. Krause. 5780.
 ——— *lorioli*. Oppenheimer. 5936.
 ——— *tenuistriatum*. Borisjak. 5355.

CARDITA [Pelecypoda].
 ——— *benhami*. Thomson. 6182.
 ——— *capduri*. Cossmann. 5487.
 ——— *elegantoides* var. *fuegina* n. var. Steinmann & Wilckens. 6159.
 ——— *intermedia* var. *globulosa* n. var. Cerulli-Irelli. 5437.
 ——— *reginae*. Oppenheim. 5934.
 ——— *upicarenensis*. Woods. 6273.

CARDIUM [Pelecypoda].
 ——— *brouzetense*. Cossmann. 5487.
 ——— *cooperi lorenzatum* n. var. Arnold. 5309.
 ——— *microphyctis*. Cossmann. 5487.
 ——— *raueroensis*. Arnold. 5309.

CENTROCERAS [Cephalopoda].
 ——— *altis'illatum*. Wedekind. 6235.
 ——— *angustilobatum*. Wedekind. 6235.
 ——— *enkebergense*. Wedekind. 6235.

CERITHINELLA [Gastropoda].

- *meduarensis*. Campana (Del). 5409.

CERITHIUM [Gastropoda].

- *arapovicense*. Oppenheim. 5934.
- *basiplanum*. Oppenheim. 5934.
- *cimbicum*. Grönwall & Harder. 5649.
- *cingulatum*. Grönwall & Harder. 5649.
- *claviforme*. Schepman. 6068.
- *deprati*. Oppenheim. 5934.
- *jublai*. Oppenheim. 5934.
- *koperbergi*. Schepman. 6068.
- *lethe*. Oppenheim. 5934.
- *manfredi*. Oppenheim. 5934.
- *rudloffi*. Oppenheim. 5934.
- *satrapes*. Oppenheim. 5934.
- *zigzag*. Grönwall & Harder. 5649.

CEROMYA [Pelecypoda].

- *madagascariensis*. Thevenin. 6180.

CHENOPUS [Gastropoda].

- *tuberosus*. Cossmann. 5487.

CHILOCYCLUS [Gastropoda].

- *acutissimus*. Häberle. 5652.

CHILAMIS [Pelecypoda].

- *flexuosa* var. *trisulcata* n. var. Cerulli-Irelli. 5437.

CHLAMYS [Pelecypoda].

- *celebensis*. Schepman. 6068.
- *grossourei*. Cossmann. 5486.
- *janirodes*. Cossmann. 5486.

CHLOROSTOMA [Gastropoda].

- *stantoni lahondaensis* n. var. Arnold. 5309.

CHORUS [Gastropoda].

- *nordenskjöldi*. Steinmann & Wilkens. 6159.

CHRYSDOMUS [Gastropoda].

- *stantoni*. Arnold. 5309.

CIRRUS [Gastropoda].

- *dolomiticus*. Campana (Del). 5409.
- *seccoi*. Campana (Del). 5409.
- *triadicus*. Campana (Del). 5409.

CLADOCITES [Cephalopoda].

- *primitivus* n. f. Kittl. 5766.

Clathrolima n. gen. [Pelecypoda]. Cossmann. 5489.

- *talmenta*. Cossmann. 5489.

CLAUSILIA [Gastropoda].

- *leobersdorffensis*. Troll. 6194.
- *randekiana*. Kranz. 5779.

CLAVA [Gastropoda].

- *ickei*. Schepman. 6068.

CLEIDOPHORUS [Pelecypoda].

- *pallasi delauarensis* n. var. Girty. 5622.

CLIONITES [Cephalopoda].

- *dobrogeensis* n. nom. Kittl. 5766.
- *erolitus* n. f. Kittl. 5766.
- *promontis* n. f. Kittl. 5766.

CLISOSPIRA [Gastropoda].

- *bassleri*. Raymond. 6012.

CLYMENIA [Cephalopoda].

- *angelini*. Wedekind. 6235.
- *buchi*. Wedekind. 6235.
- *costata*. Wedekind. 6235.
- *crassicosta*. Wedekind. 6235.
- *cycloptera*. Wedekind. 6235.
- *discoidalis*. Wedekind. 6235.
- *enkebergensis*. Wedekind. 6235.
- *frechi*. Wedekind. 6235.
- *gümbeli*. Wedekind. 6235.
- *hexagona*. Wedekind. 6235.
- *involuta*. Wedekind. 6235.
- *lotzi*. Wedekind. 6235.
- *phillipsi*. Wedekind. 6235.
- *pompeckii*. Wedekind. 6235.
- *protacta*. Wedekind. 6235.
- *pulcherrima*. Wedekind. 6235.
- *roemerii*. Wedekind. 6235.
- *sandbergeri*. Wedekind. 6235.
- *steinmanni*. Wedekind. 6235.

COLLONIA [Gastropoda].

- *praecursor*. Cossmann. 5486.

COLUBRELLA [Gastropoda].

- *hettneri*. Häberle. 5652.
- *kokeni*. Häberle. 5652.
- *viezenae*. Häberle. 5652.

COLUMBEILLA [Gastropoda].

- *arnoldi* n. nom. Dall. 5499.

COMINELLA [Gastropoda].

- *obesa* var. *furgena* n. var. Steinmann & Wilkens. 6159.

Conorhytis n. gen. [Gastropoda]. Cossmann. 5486.

CONSULARIA [Gastropoda].

- *desiderata tuzoi* n. var. Clarke. 5454.

CONULARIA [Gastropoda].
 ——— *holmii*. Wiman. 6260.
 ——— *penouili*. Clarke. 5454.
 ——— *rholiensis*. Wiman. 6260.

CONUS [Gastropoda].
 ——— *jennemai*. Schepman. 6068.

CORBIS [Pelecypoda].
 ——— *axinaeiformis*. Cossmann.
 5487.
 ——— *capduri*. Cossmann. 5487.
 ——— *crassiringata*. Cossmann.
 5489.

CORBULA [Pelecypoda].
 ——— *clarkeana*. Aldrich. 5284.

CORNELLITES n. gen. [Pelecypoda].
 Williams. 6250.

COSMOCERAS [Cephalopoda].
 ——— *michalskii*. Boršáček. 5355.

COSTIDISCUS [Cephalopoda].
 ——— *nodosocostatus*. Karakaš.
 5748.

CRASTEDOMA [Gastropoda].
 ——— *handmanni*. Troll. 6194.

CRASSATELLITES [Pelecypoda].
 ——— *diris ensis*. Woods. 6273.

CRIOCERAS [Cephalopoda].
 ——— *deekiei*. Favre. 5574.
 ——— *intervestatum*. Hasebrink.
 5665.
 ——— *recticostatum*. Karakaš. 5748.
 ——— *sarasinii*. Favre. 5574.
 ——— *sexangulatum*. Karakaš. 5748.
 ——— *transcaspius*. Sineov. 6131.

CTENODONTA [Pelecypoda].
 ——— *globata*. Knod. 5768.
 ——— *musulosa*. Knod. 5678.
 ——— *radiata*. Knod. 5678.

CUCULLAEA [Pelecypoda].
 ——— *serifenori*. Newton. 5922.

CUNARIA [Gastropoda].
 ——— *unica*. Spitz. 6139.

CYCLONEMA [Gastropoda].
 ——— *immersum*. Spitz. 6139.
 ——— *persimile* n. nom. Spitz.
 6139.

Cyclopellatia n. gen. [Pelecypoda].
 Cossmann. 5487.
 ——— *aerodonta*. Cossmann. 5487.

CYMATOCITON [Gastropoda].
 ——— *texanus*. Girty. 5622.

CYPRAEA [Gastropoda].
 ——— *martini*. Schepman. 6068.

CYPRICARDINIA [Pelecypoda].
 ——— *contracta*. Girty. 5622.

CYPRINA [Pelecypoda].
 ——— *brouzeensis*. Cossmann.
 5487.
 ——— *echuacaldi*. Karakaš. 5748.

CYTOCERAS [Cephalopoda].
 ——— *albani*. Clarke. 5454.
 ——— *gracilis*. Cleland. 5457.
 ——— *münsteri*. Wedekind. 6235.
 ——— *tubulare*. Wedekind. 6235.

CY THEREA [Pelecypoda].
 ——— *astartoides*. Thevenin. 6180.

DANUBITES [Cephalopoda].
 ——— *celtidoides* n. f. Kittl. 5766.

DAONELLA [Pelecypoda].
 ——— *anastasini* n. f. Kittl. 5766.
 ——— *hajighiolensis* n. f. Kittl.
 5766.

DARAEITES [Cephalopoda].
 ——— *elejans*. Černov. 5437.

DENTALIUM [Gastropoda].
 ——— *acutum*. Richardson. 6038.
 ——— *gracile*. Grönwall & Harder.
 5619.
 ——— *hexagonale*. Richardson.
 6038.
 ——— *oblongum*. Richardson. 6038.
 ——— *parvulum* (J. Buckman MS.).
 Richardson. 6038.
 ——— *subovatum*. Richardson. 6038.
 ——— *subquadratum*. Richardson.
 6038.
 ——— *subtrigonale*. Richardson.
 6038.
 ——— *terquemii*. Tate MS.
 Richardson. 6038.

DESMOCERAS [Cephalopoda].
 ——— *balmensis*. Jacob. 5726.
 ——— *liassalense*. Karakaš. 5748.
 ——— *convergens*. Jacob. 5726.
 ——— *crassidorsatum*. Karakaš.
 5748.
 ——— *ponticum*. Karakaš. 5748.
 ——— *ribouli*. Jacob. 5726.
 ——— *subdificile*. Karakaš. 5748.
 ——— *tauricum*. Karakaš. 5748.
 ——— *walleranti*. Jacob. 5726.

DIAPHOROSTOMA [Gastropoda].
 ——— *perceense*. Clarke. 5454.

DIATINOSTOMA (?) [Gastropoda].
 ——— *pellati*. Cossmann. 5487.

DICTYOCONITES [Cephalopoda].
 ——— *kongazensis* n. f. Kittl. 5766.

DIMEROCERAS [Cephalopoda].
 ——— *benekei*. Wedekind. 6235.
 ——— *bredelavense*. Wedekind.
 6235.

DIMEROCERAS [Cephalopoda].
 ——— *burgense*. Wedekind. 6235.
 ——— *gumbeli*. Wedekind. 6235.
 ——— *padbergense*. Wedekind. 6235.

Dobrogeites n. gen. [Cephalopoda].
 ——— Kittl. 5766.
 ——— *tirolitiformis* n. f. Kittl. 5766.

DRILLIA [Gastropoda].
 ——— *celebensis*. Schepman. 6068.
 ——— *koperbergi*. Schepman. 6068.
 ——— *minahassae*. Schepman. 6068.

DUVALIA [Cephalopoda].
 ——— *crimica*. Karakaš. 5748.

EDENTULA [Pelecypoda].
 ——— *castelli*. Wittenburg. 6263.

EDMONDIA [Pelecypoda].
 ——— *areuata*. Cleland. 5457.
 ——— *bellula*. Girty. 5622.
 ——— *clymeniae* n. f. Gortani. 5631.

ENCYCLOSCALA [Gastropoda].
 ——— *rombergi*. Häberle. 5652.

EOTOMARIA [Gastropoda].
 ——— *cartieri*. Clarke. 5454.
 ——— *robertsi*. Reed. 6015.
 ——— *trotula*. Clarke. 5454.

EPITONIUM [Gastropoda].
 ——— *atwoodi*. Dall. 5500.

ECONOSPIRA [Gastropoda].
 ——— *obsoleta*. Girty. 5622.

EUOMPHALOPTERUS [Gastropoda].
 ——— *bicarinatus*. Spitz. 6139.

ETOMPHALUS [Gastropoda].
 ——— *ater*. Spitz. 6139.
 ——— *kokeni*. Spitz. 6139.
 ——— *lituites*. Spitz. 6139.
 ——— *monticola*. Spitz. 6130.
 ——— *pironai*. Gortani. 5631.
 ——— *solutus*. Spitz. 6139.
 ——— *suleifer*. Girty. 5622.
 ——— *suleifer angulatus* n. var.
 ——— Girty. 5622.

EUPHEMUS [Gastropoda].
 ——— *quebecensis*. Clarke. 5454.

EXOGYRA [Pelecypoda].
 ——— *serrata*. Krause. 5780.

FASCIOLARIA [Gastropoda].
 ——— *ramondi*. Maury. 5783.

FISSURELLA [Gastropoda].
 ——— *perrini*. Arnold. 5309.

Follmannella n. gen. [Pelecypoda].
 ——— Williams. 6250.

FOORDOCERAS [Cephalopoda].
 ——— *shumardianum*. Girty. 5622.
 ——— *shumardianum praecursor* n.
 ——— var. Girty. 5622.

FUSUS [Gastropoda].
 ——— *cimbucus*. Grönwall &
 ——— Harder. 5649.
 ——— *hecoxi*. Arnold. 5309.
 ——— *portolensis*. Arnold. 5309.
 ——— *sanctaerucris*. Arnold. 5309.
 ——— *stanfordensis*. Arnold. 5309.

GASTRIOCERAS [Cephalopoda].
 ——— *serratum*. Girty. 5622.

GEPHYROCERAS [Cephalopoda].
 ——— *superstes*. Wedekind. 6235.

GERVILLIA [Pelecypoda].
 ——— *elipsoidalis*. Airaghi. 5280.
 ——— *hanitschi*. Newton. 5922.
 ——— *substriata* var. *tenuicostata*
 ——— n. var. Zeller. 6302.

GIBBULA [Gastropoda].
 ——— *lehmanni-nitschei*. Stein-
 ——— man & Wilckens. 6159.

GLYCYMERIS [Pelecypoda].
 ——— *branneri*. Arnold. 5309.

Gonatocheilus n. gen. [Cephalopoda].
 ——— Till. 6183.
 ——— *brunneri*. Till. 6183.
 ——— *expansus*. Till. 6183.
 ——— *oxfordiensis*. Till. 6183.
 ——— *planus*. Till. 6183.

GONIOMYA [Pelecypoda].
 ——— *scrivenori*. Newton. 5922.
 ——— *singaporensis*. Newton. 5922.

GOSSELETINA [Gastropoda].
 ——— *richthofeni*. Häberle. 5652.

GRAMMYSIA [Pelecypoda].
 ——— *montana*. Reed. 6017.
 ——— *oviformis*. Knod. 5768.

GYNMITES [Cephalopoda].
 ——— *agamemnonis*. Frech. 5587.

GYROCERAS (?) [Cephalopoda].
 ——— *halli*. Wedekind. 6235.

Hadrocheilus n. gen. [Cephalopoda].
 ——— Till. 6183.
 ——— *convexus*. Till. 6183.
 ——— *costatus*. Till. 6183.
 ——— *depressus*. Till. 6183.
 ——— *exsecatus*. Till. 6183.
 ——— *gibber*. Till. 6183.
 ——— *gibberiformis*. Till. 6183.
 ——— *gibberoides*. Till. 6183.
 ——— *hamatus*. Till. 6183.
 ——— *hercynicus*. Till. 6183.

Hadrocheilus *kiliensis*. Till. 6183.
 ——— *latus*. Till. 6183.
 ——— *longohasta*. Till. 6183.
 ——— *oblongus*. Till. 6183.
 ——— *oosteri*. Till. 6183.
 ——— *proceriformis*. Till. 6183.
 ——— *procerus*. Till. 6183.
 ——— *quinquecarinatoides* n. nom.
 Till. 6183.
 ——— *quinquecarinatus* n. nom.
 Till. 6183.
 ——— *robustus*. Till. 6183.
 ——— *rugosus*. Till. 6183.
 ——— *schlosseri*. Till. 6183.
 ——— *squammatus*. Till. 6183.
 ——— *theodosiae*. Till. 6183.
 ——— *valanginiensis*. Till. 6183.

HAMULINA [Cephalopoda].
 ——— *acuteicostata*. Karakaš. 5748.
 ——— *crassicostata*. Karakaš. 5748.
 ——— *taurica*. Karakaš. 5748.
 ——— *uhligi*. Karakaš. 5748.

HARPOCERAS [Cephalopoda].
 ——— *gautieri*. Thevenin. 6180.
 ——— *indyutum* var. *madagascariensis* n. var. Thevenin.
 6180.
 ——— *jolii*. Thevenin. 6180.
 ——— *landui*. Boehm. 5349.
 ——— *madagascariense*. Thevenin.
 6180.
 ——— *pseudo-gruneri*. Thevenin.
 6180.

HATCHERICERAS [Cephalopoda].
 ——— *stantoniense*. Favre. 5574.

HELICOTOMA [Gastropoda].
 ——— *whiteavesiana*. Raymond.
 6012.

HELIX [Gastropoda].
 ——— *fructicum* var. *perdepressa*
 n. var. Germain. 5613.
 ——— *leobersdorfensis*. Troll. 6194.
 ——— *mödlingensis*. Schlosser.
 6069.
 ——— *richarzi*. Schlosser. 6069.
 ——— *roubenensis*. Caziot &
 Maury. 5432.
 ——— *subphacodes*. Kranz. 5779.
 ——— *tineensis*. Caziot & Maury.
 5432.
 ——— *toulai*. Schlosser. 6069.
 ——— *vaceki*. Schlosser. 6069.

Hemichenopus n. gen. [Gastropoda].
 Steinmann & Wilckens.
 6159.

HEMICYCLO [Gastropoda].
 ——— *puchet* var. *collarifera* n.
 var. Boettger. 5351.
 ——— *puchet* var. *erythra* n. var.
 Boettger. 5351.

HERCYNELLA [Gastropoda].
 ——— *bohemica* var. *plana* n. var.
 Spitz. 6139.
 ——— *carnica*. Spitz. 6139.

HETEROCERAS [Cephalopoda].
 ——— *hangi*. Karakaš. 5748.

HIPPONYX [Gastropoda].
 ——— *carpenteri*. Arnold. 5309.

HOLOCODISCUS [Cephalopoda].
 ——— *hoplitoides*. Karakaš. 5748.
 ——— *nodosus*. Karakaš. 5748.
 ——— *rarecostatus*. Karakaš. 5748.
 ——— *seitumeri*. Karakaš. 5748.
 ——— *uhligi*. Karakaš. 5748.

HOLCOSTEPHANUS [Cephalopoda].
 ——— *hobleri* *hillensis*. Favre. 5574.
 ——— *modderensis*. Kitchin. 5765.
 ——— *rogersi*. Kitchin. 5765.
 ——— *uitenhagensis*. Kitchin. 5765.
 ——— *wilmamae*. Kitchin. 5765.

HOLOPEA [Gastropoda].
 ——— *gaspesia*. Clarke. 5454.
 ——— (?) *raymondia*. Cleland. 5457.
 ——— (?) *voluta*. Cleland. 5457.
 ——— *wakehami*. Clarke. 5454.

HOLOPELLA [Gastropoda].
 ——— ? *ditatata*. Spitz. 6139.
 ——— ? *incerta*. Spitz. 6139.

HOPLITES [Cephalopoda].
 ——— *baylei*. Jacob. 5726.
 ——— *desmoceroides*. Karakaš.
 5748.
 ——— *hitzeli*. Jacob. 5726.
 ——— *koeneni*. Karakaš. 5748.
 ——— *lemoinei*. Jacob. 5726.
 ——— *parenti*. Jacob. 5726.
 ——— *pristiophorus*. Krause. 5780.
 ——— *reneureleensis*. Jacob. 5726.
 ——— *revili*. Jacob. 5726.
 ——— *romani*. Jacob. 5726.
 ——— *sarasini*. Jacob. 5726.
 ——— *schrammeni*. Jacob. 5726.
 ——— *steinmanni*. Jacob. 5726.

HUNGARITES [Cephalopoda].
 ——— *danubii* n. f. Kittl. 5766.

HYALINA [Gastropoda].
 ——— *reussi*. Schlosser. 6069.

HYDROBIA [Gastropoda].
 ——— *wenzi*. Boettger. 5352.

HYOLITHUS [Gastropoda].
 ——— *oxy*. Clarke. 5451.
 ——— *richardi*. Clarke. 5454.

INOCERAMUS [Pelecypoda].
 ——— *dimidius labiatoides* n. var.
 Shimer & Blodgett. 6115.

IVANNITES [Cephalopoda].
 ——— *diffusus* var. *argolica* n. var.
 Frech. 5587.
 ——— *joannis austriae* var. *compressa* n. var.
 Frech. 5587.

JANEIA [Pelecypoda].
 ——— *fallax*. Knod. 5768.

JAPONITES [Cephalopoda].
 ——— *argirus*. Frech & Rentz.
 5592.

JOANNITES [Cephalopoda].
 ——— *ulimanestinii* n. f. Kittl.
 5766.
 ——— *lozohelix*. Frech & Rentz.
 5592.
 ——— *stefanescui* n. f. Kittl.
 5766.

JOVITES [Cephalopoda].
 ——— *euxinus* n. f. Kittl. 5766.

KELLIA [Pelecypoda].
 ——— *interstriata*. Aldrich. 5284.

KIONOCERAS [Cephalopoda].
 ——— *champlaini*. Clarke. 5454.
 ——— *rhysum*. Clarke. 5454.

KOKENELLA [Gastropoda].
 ——— *glaberior* n. f. Kittl. 5766.

LEDA [Pelecypoda].
 ——— *cahuiliensis*. Arnold. 5309.

LEOPOLDIA [Cephalopoda].
 ——— *aenigmatica*. Sayn. 6064A.
 ——— *baumbergeri*. Favre. 5474.
 ——— *belgramensis*. Favre. 5574.
 ——— *depereti*. Sayn. 6064A.
 ——— *eyrollensis*. Sayn. 6064A.
 ——— *hauthali*. Favre. 5574.
 ——— *paymensis*. Favre. 5574.
 ——— *provincialis*. Sayn. 6064A.
 ——— *subaenigmatica*. Sayn. 6064A.

LEPTOCHIELUS [Cephalopoda].
 ——— *excavatus*. Till. 6183.
 ——— *geyeri*. Till. 6183.
 ——— *teniformis*. Till. 6183.
 ——— *tenuis*. Till. 6183.

LEPTODOMUS ? [Pelecypoda].
 ——— *fontinalis*. Reed. 6017.

LEPTON [Pelecypoda].
 ——— *vaughani*. Aldrich. 5284.

LEUCOCHROA [Gastropoda].
 ——— *emmerichi*. Boettger. 5352.

LIMA [Pelecypoda].
 ——— *alaformis*. Krause. 5780.
 ——— *clathrata*. Krause. 5780.
 ——— *coecanapi*. Thevenin. 6180.
 ——— *delaunayi*. Cossmann. 5486.
 ——— *pangymna*. Cossmann. 5486.
 ——— *paronai*. Mariani. 5861.
 ——— *praedispersa*. Krause. 5780.
 ——— *salmoiraghii*. Mariani. 5861.
 ——— *telleri*. Mariani. 5861.
 ——— *testis*. Grönwall & Harder.
 5649.
 ——— *viginensis*. Cossmann.
 5487.

LIMATULA [Pelecypoda].
 ——— *rauracica*. Cossmann. 5489.

LIMATULINA [Pelecypoda].
 ——— *striaticostata*. Girty. 5622.

LIMEA [Pelecypoda].
 ——— *nucleus*. Cossmann. 5489.

LIMNAEA [Gastropoda].
 ——— *remota*. Kitchin. 5765.

LIMOPSIS [Pelecypoda].
 ——— *minima*. Grönwall &
 Harder. 5649.

LIMOPTERA [Pelecypoda].
 ——— *rosieri*. Clarke. 5454.

LIROFCUSUS [Gastropoda].
 ——— *ashleyi*. Arnold. 5309.

LITHODOMUS [Pelecypoda].
 ——— *iris*. Cossmann. 5489.

LOPHOSPIRA [Gastropoda].
 ——— *belliarinata*. Donald. 5526.
 ——— *bicincta* var. *scotica* n. var.
 Donald. 5526.
 ——— *excavata*. Donald. 5526.
 ——— *ferruginea*. Donald. 5526.
 ——— *instabilis*. Donald. 5526.
 ——— *rectistriata*. Raymond. 6012.
 ——— *sedgwickii*. Donald. 5526.
 ——— *seelyi*. Raymond. 6012.
 ——— *subdolosa*. Donald. 5526.
 ——— *trispiralis*. Donald. 5526.

LOXONEMA [Gastropoda].
 ——— *gregaria*. Knod. 5768.
 ——— ? *intensipileum*. Girty. 5622.
 ——— *katasioides*. Häberle. 5652.
 ——— *magnificum*. Spitz. 6139.
 ——— *marinelli*. Gortani. 5631.
 ——— *rectangularare*. Spitz. 6139.
 ——— *urbanisi*. Gortani. 5631.

LUCINA [Pelecypoda].
 ——— *impensis*. Haupt. 5667.

LUCINA [Pelecypoda].
 ——— *parvata*. Campana (Del). 5409.
 ——— *scaphoidea*. Krause. 5780.

LUNULICARDIUM [Pelecypoda].
 ——— *convexum*. Clarke. 5454.

LYMNAEA [Gastropoda].
 ——— *florissantica*. Cockerell. 5470.

LYTOCERAS n. sp. ind. [Cephalopoda].
 ——— *Vadász*. 6205.
 ——— *eichivaldi*. Karakaš. 5748.
 ——— *evolutum*. Vadász. 6206.
 ——— *kilianii*. Jacob. 5726.
 ——— *renulerensis*. Jacob. 5726.
 ——— *subsequens*. Karakaš. 5748.
 ——— *vogdti*. Karakaš. 5748.

MACROCHEILINA [Gastropoda].
 ——— ? *modesta*. Girty. 5622.
 ——— *frechi* n. nom. Spitz. 6139.
 ——— *subtilis* n. nom. Spitz. 6139.

MACRODON [Pelecypoda].
 ——— *holimanni*. Knod. 5768.
 ——— *taramellii*. Gortani. 5631.

MACROSCAPHITES [Cephalopoda].
 ——— *eichwaldi*. Karakaš. 5748.

MACTRA [Pelecypoda].
 ——— ? *dubia*. Kitchin. 5765.
 ——— *montereyana*. Arnold. 5309.
 ——— *stantoni*. Arnold. 5309.

MALLETTIA [Pelecypoda].
 ——— *chehalensis*. Arnold. 5309.

MATHILDIA [Gastropoda].
 ——— *fenestrata*. Grönwall & Harder. 5649.

MEDLICOTTIA [Cephalopoda].
 ——— *magnotuberculata*. Černov. 5433.

MEGAMBONIA [Pelecypoda].
 ——— *denysia*. Clarke. 5454.

MEGAPHYLLITES [Cephalopoda].
 ——— *angustus* n. f. Kittl. 5766.
 ——— *umbonatus* n. f. Kittl. 5766.

MELANATRIA [Gastropoda].
 ——— *bosniaca*. Oppenheim. 5934.
 ——— *flumineiformis*. Troll. 6194.

MELANIA [Gastropoda].
 ——— *parvata*. Grönwall & Harder. 5649.

MERETRIX [Pelecypoda].
 ——— *uitenhagensis*. Kitchin. 5765.

METOPTOMA [Gastropoda].
 ——— *capense*. Reed. 6017.

MICROSCHIZA [Gastropoda].
 ——— *pellati*. Cossmann. 5487.

MITROMORPHA [Gastropoda].
 ——— *ecocensis*. Aldrich. 5283.

MODIELLA [Pelecypoda].
 ——— *modiola*. Clarke. 5454.

MODIOLA [Pelecypoda].
 ——— *martini*. Schepman. 6068.

MODIOMORPHA [Pelecypoda].
 ——— *baini* n. var. Reed. 6017.

MONIA [Pelecypoda].
 ——— *aculeata* var. *alternestriolata* n. var. Cerulli-Irelli. 5437.
 ——— *dé angelisi*. Cerulli-Irelli. 5437.
 ——— *exsulata*. Cerulli-Irelli. 5437.
 ——— *ornatissima*. Cerulli-Irelli. 5437.

MONOPHYLLITES [Cephalopoda].
 ——— *gymnitiformis* n. f. Kittl. 5766.
 ——— *transversus* n. f. Kittl. 5766.

MONOPLEURA [Pelecypoda].
 ——— *biassalica*. Karakaš. 5748.

MÜRCHISONIA [Gastropoda].
 ——— *alterittata*. Spitz. 6139.
 ——— *concava*. Spitz. 6139.
 ——— *concrexa*. Spitz. 6139.
 ——— *davisi* var. *alpina* n. var. Spitz. 6139.
 ——— *fornicata*. Spitz. 6139.
 ——— *kayseri*. Spitz. 6139.
 ——— *rotundata* n. nom. Spitz. 6139.
 ——— *semiornata*. Spitz. 6139.

MYOCONCHA [Pelecypoda].
 ——— *costulata*. Girty. 5622.
 ——— *costulata delauarensis* n. var. Girty. 5622.
 ——— *jespersenii*. Malling & Grönwall. 5858.
 ——— *stampensis*. Malling & Grönwall. 5858.

Myopholas n. gen. [Pelecypoda]. Douvillé. 5535.
 ——— *livoni*. Douvillé. 5535.
 ——— *perostata*. Douvillé. 5535.

MYOPHORIA [Pelecypoda].
 ——— *subtrigonata*. Airaghi. 5280.
 ——— *tommasii*. Mariani. 5861.
 ——— *transversa* var. *acuticostata* n. var. Zeller. 6302.
 ——— *transversa* var. *dolomitica* n. var. Zeller. 6302.

MYOPHORIA [Pelecypoda].

- *transversa* var. *finalis* n.
var. Zeller. 6302.
- *transversa* var. *subkeuperina*
n. var. Zeller. 6302.

MYSIDIOPTERA [Pelecypoda].

- *gronensis*. Wittenburg.
6264.
- *saccoi*. Mariani. 5861.
- *vix-costata* var. *lorenneuse* n.
var. Mariani. 5861.

MITILUS [Pelecypoda].

- *pellati*. Cossmann. 5487.
- *uitenhagensis*. Kitchen. 5765.
- NASSA** [Gastropoda].
- *celebensis*. Schepman. 6068.
- *fuegina*. Steinmann & Wilkens. 6159.
- *gatticensis*. Martinelli. 5866.
- *multiplicata*. Schepman.
6068.
- *nordenskjöldi*. Steinmann & Wilkens. 6159.

NATICA [Gastropoda].

- *celebensis*. Schepman. 6068.
- *comitilis*. Oppenheim. 5934.
- *hospitalis*. Oppenheim. 5934.
- *mirifica*. Kitchen. 5765.
- *picteti*. Karakaš. 5748.
- *praetoriana*. Oppenheim.
5934.
- *rogersi*. Kitchen. 5765.
- *uitenhagensis*. Kitchen. 5765.

NATICELLA [Gastropoda].

- *blaschkei*. Häberle. 5652.
- *j. böhmi*. Haberle. 5652.

NATICOPSIS [Gastropoda].

- *gracilis*. Spitz. 6139.
- *minima*. Spitz. 6139.

NAUTILUS [Cephalopoda].

- *campichei*. Karakaš. 5748.
- *crassiconcha*. Vogl. 6217.
- *endmensis*. Andree. 5291.
- *eichwaldi*. Karakaš. 5748.
- *karinskyi*. Karakaš. 5748.
- *minuens* n. f. Kittl. 5766.
- *picteti*. Karakaš. 5748.
- *stereni*. Karakaš. 5748.

NEOCOMITES [Cephalopoda].

- *americanus*. Favre. 5574.
- *beaumugnensis*. Sayn. 6064A.
- *bedoti*. Sayn. 6064A.
- *biformis*. Sayn. 6064A.
- *eucyrtus*. Sayn. 6064A.
- *longi*. Sayn. 6064A.
- *neocomiensis* var. *subtenuis*
n. var. Sayn. 6064A.

NEOCOMITES [Cephalopoda].

- *oralis*. Favre. 5574.
- *patagoniensis*. Favre. 5574.
- *platycostatus*. Sayn. 6064A.
- *steinmanni*. Favre. 5574.
- *wilckensi*. Favre. 5574.

NELOBITES [Cephalopoda].

- *brancai*. Staff & Eck. 6142.
- *peroni* var. *pervinquieri* n.
var. Staff & Eck. 6142.
- *schueinfurthi*. Staff & Eck.
6142.

NERINEA [Gastropoda].

- *micromorpha*. Cossmann.
5487.

NERITA [Gastropoda].

- *capduri*. Cossmann. 5487.

NERITODOMUS [Gastropoda].

- *dolichostoma*. Cossmann.
5487.

NERITOPSIS [Gastropoda].

- *bassanensis*. Campana (Del).
5499.
- *rothpletzi*. Karakaš. 5748.
- *spiralicrenata*. Cossmann.
5487.

NEUMAYRIA [Cephalopoda].

- *pseudooolithica*. Haupt. 5667.

NUCULA [Pelecypoda].

- *dalli*. Arnold. 5309.
- *indica*. Wittenburg. 6266.
- *nigella*. Reed. 6017.
- *uitenhagensis*. Kitchen. 5765.

NUCULANA [Pelecypoda].

- *agrestis*. Reed. 6017.
- *aviator*. Reed. 6017.

NUCULITES [Pelecypoda].

- *branneri* var. *obtusus* n. var.
Reed. 6017.
- *pacatus*. Reed. 6017.
- *sharpei*. Reed. 6017.

OBELISCUS [Gastropoda].

- *menadensis*. Schepman.
6068.

ODONTOSTOMA [Gastropoda].

- *undiferum* var. *laevior* n.
var. Grönwall & Harder.
5649.
- *orientalis*. Donald. 5526.

OMPHALOPTYCHA [Gastropoda].

- *emiliae*. Häberle. 5652.
- *platystoma*. Häberle. 5652.

OMPHALOTROCHUS [Gastropoda].

- *conoideus*. Girty. 5622A.
- *ferrieri*. Girty. 5622A.

OPIS [Pelecypoda].

- *haldonensis*. Woods. 6273.
- *parvocardinata*. Thevenin. 6180.
- *pulla*. Krause. 5780.

OPPELIA [Cephalopoda].

- *gracilis*. Oppenheimer. 5936.
- *patagoniensis*. Favre. 5574.

ORTHOCEPHALIA [Cephalopoda].

- *conicum*. Wedekind. 6235.
- *enkebergense*. Wedekind. 6235.
- *guadalupense*. Girty. 5622.
- *increscens* n. f. Kittl. 5766.
- *magnum*. Wedekind. 6235.
- *minimum*. Rowley. 6052.
- *polyphemii*. Wedekind. 6235.

ORTHOECHINIA [Gastropoda].

- *nuda*. Spitz. 6139.
- *obliquestriata*. Spitz. 6139.
- *oblique sulcata*. Spitz. 6139.
- *oblique sulcata* var. *scabiosa* n. var. Spitz. 6139.
- *planidorsata*. Spitz. 6139.

ORTHOECHICA [Gastropoda].

- *steinmanni*. Knod. 5768.

OSTREA [Pelecypoda].

- *katzeri*. Oppenheim. 5934.
- *leopolitana*. Niedzwiedzki. 5924.

PALAEONODONTA [Pelecypoda].

- *sphenoides*. Schmidt. 6071.

PALAEOSCURRIA ? [Gastropoda].

- *capuliformis*. Spitz. 6139.

PALAEOTRITON [Gastropoda].

- *j. waltheri*. Häberle. 5652.

PALUDESTRINA [Gastropoda].

- *limnaeiformis*. Caziot. 5429.

PANOPAEA [Pelecypoda].

- *truncata*. Karakaš. 5748.

PARACELTTITES [Cephalopoda].

- *elegans*. Girty. 5622.

PARAHOPLITES [Cephalopoda].

- *maximus*. Sincov. 6131.
- *multicostatus*. Sincov. 6131.
- *sub-campischei*. Sincov. 6131.

PARALLELODON [Pelecypoda].

- *gardonense*. Cossmann. 5487.
- *multistriatus*. Girty. 5622.
- *politus*. Girty. 5622.

PARAPRONORITES [Cephalopoda].

- *biformis*. Černov. 5433.
- *permicus*. Černov. 5433.

PARAPRONORITES [Cephalopoda].

- *skvorzovi*. Černov. 5433.
- *tenuiserratus*. Černov. 5433.
- *urmensis*. Černov. 5433.

PARKINSONIA [Cephalopoda].

- *doneziana*. Borisák. 5355.

PATELLA [Gastropoda].

- *capitanensis*. Girty. 5622.
- *mateoensis*. Arnold. 5309.

PECTEN [Pelecypoda].

- *ambongoensis*. Thevenin. 6180.
- *ambrosionii*. Mariani. 5861.
- *concentrico-squamosus*. Chimenkov. 5445.
- *duronicus*. Wittenburg. 6264.
- *eurasiaticus*. Wittenburg. 6263.
- *gothicus*. Krause. 5780.
- *khobensis*. Karakaš. 5748.
- *kokeni*. Wittenburg. 6266.
- *liernensis*. Mariani. 5861.
- *longauris*. Wittenburg. 6265.
- *microtis*. Wittenburg. 6265.
- *parolinii*. Campana (Del). 5408.
- *portai*. Mariani. 5861.
- *repossii*. Mariani. 5861.
- *rombergi*. Wittenburg. 6264.
- *scutariensis*. Veters. 6212.
- *sericeus*. Grönwall & Härder. 5649.
- *sojalis*. Wittenburg. 6264.
- *subtilis*. Wittenburg. 6265.
- *tirolicus*. Wittenburg. 6263, 6264, 6265.
- *vajolentensis*. Wittenburg. 6264.
- *valdecostatus*. Mariani. 5861.
- *völseckhofensis*. Wittenburg. 6263.

PELTOCERAS [Cephalopoda].

- *uhligi*. Oppenheimer. 5936.

PERIPLOMA [Pelecypoda].

- *sanctaerucis*. Arnold. 5309.

PERISPINCTES [Cephalopoda].

- *abeli*. Oppenheimer. 5936.
- *argentinus*. Haupt. 5667.
- *brunensis*. Oppenheimer. 5936.
- *burni*. Boehm. 5349.
- *correlatus*. Oppenheimer. 5936.
- *divergens*. Oppenheimer. 5936.
- *guebhardi*. Oppenheimer. 5936.

PERISPINCITES [Cephalopoda].

- *lateinensis*. Oppenheimer. 5936.
- *latumbonatus*. Oppenheimer. 5936.
- *latus*. Oppenheimer. 5936.
- *orthoplocus*. Boden. 5347.
- *pila*. Oppenheimer. 5936.
- *procedens*. Oppenheimer. 5936.
- *siemiradzkii*. Lewinski.
- *siemiradzkii*. Oppenheimer. 5936.
- *timorensis*. Boehm. 5349.
- *vanae*. Oppenheimer. 5936.
- *varians*. Oppenheimer. 5936.
- *veronensis*. Boden. 5347.

Peritrochia n. gen. [Cephalopoda].

- *Girty*. 5622.
- *crebus*. Girty. 5622.

PERNA [Pelecypoda].

- *allardi*. Cossmann. 5487.
- *bosniaca*. Oppenheim. 5934.

PERNIPECTEN [Pelecypoda].

- *obliquus*. Girty. 5622.
- *marbuti*. Rowley. 6052.

PHAENODESMIA [Pelecypoda].

- *cuneiformis*. Krause. 5780.

PHANEROPTIXIS [Gastropoda].

- *pellati*. Cossmann. 5487.

PHOLADOMYA [Pelecypoda].

- *baltica*. Krause. 5780.

PHYLLOCERAS [Cephalopoda].

- *hungaricum*. Vadász. 6205.
- *infraliasicum*. Vadász. 6205.
- *lipoldi* var. *primitiva* n. var. Vadász. 6205.
- *milaschenwitzii*. Karakaš. 5748.

- *prendeli*. Karakaš. 5748.
- *prinzi*. Vadász. 6205.
- *rogersi*. Kitchin. 5765.
- *sabliensis*. Karakaš. 5748.
- *stuckenbergi*. Karakaš. 5748.
- *szádlerczkyi*. Vadász. 6205.

PINNA [Pelecypoda].

- *patagoniensis*. Favre. 5574.

PLACENTICERAS [Cephalopoda].

- *simonyi*. Kossmat. 5778.

PLACUNOPSIS [Pelecypoda].

- *patelliformis*. Krause. 5780.

PLAGIOSTOMA [Pelecypoda].

- *deltoidum*. Girty. 5622.

PLANORBIS [Gastropoda].

- *eurustomata*. Lörenthey. 5836.

PLANORBIS [Gastropoda].

- *eurustomata* var. *exechontohelix* n. var. Lörenthey. 5836.
- *epissus*. Cossmann. 5486.

PLATYCYRAS [Gastropoda].

- *anomalum*. Rowley. 6052.
- *belli*. Clarke. 5454.
- *bistrami*. Knod. 5768.
- *gaspense*. Clarke. 5454.
- *quesnini*. Clarke. 5454.
- *holzapfeli* n. nom. Spitz. 6139.

- *laevicostatum*. Knod. 5768.
- *lebouillieri*. Clarke. 5454.
- *lejeunii*. Clarke. 5454.
- *oeherti*. Spitz. 6139.
- *paxillifer*. Clarke. 5454.
- *palcherrimum*. Rowley. 6052.
- *panettum*. Gortani. 5631.

PLEUROPHORTS [Pelecypoda].

- *delawarensis*. Girty. 5622.

PLECROTOMA [Gastropoda].

- *newsomii*. Arnold. 5309.
- *perissolaxoides*. Arnold. 5309.

PLEUROTOMARIA [Gastropoda].

- *arenaria*. Girty. 5622.
- *arenaria monilifera* n. var. Girty. 5622.
- *carinifera*. Girty. 5622.
- *coluber* var. *alpina* n. var. Spitz. 6139.
- *delacarensis*. Girty. 5622.
- *discoidea*. Girty. 5622.
- *eichwaldi*. Karakaš. 5748.
- *elderi*. Girty. 5622.
- *euglypha*. Girty. 5622.
- *euomphalooides*. Spitz. 6139.
- *frechi*. Spitz. 6139.
- *italica*. Spitz. 6139.
- *labrosa* var. *alpina* n. var. Spitz. 6139.
- *mica*. Girty. 5622.
- *multilineata*. Girty. 5622.
- *neglecta*. Girty. 5622.
- *planulata*. Girty. 5622.
- *puilla*. Girty. 5622.
- *quadrata*. Spitz. 6139.
- *richardsoni*. Girty. 5622.
- *sableneisis*. Karakaš. 5748.
- *strigillata*. Girty. 5622.
- *subcomarginata leleureqi* n. var. Clarke. 5454.

- *taramellii*. Spitz. 6139.
- *taurica*. Karakaš. 5748.
- *texana*. Girty. 5622.
- *trochiformis*. Spitz. 6139.

PLICATULA [Pelecypoda].
 — *taurica*. Karakaš. 5748.

POLYTROPS [Gastropoda].
 — *barroisi*. Spitz. 6139.

POSITIONELLA [Pelecypoda].
 — *pseudolobosa*. Airaghi. 5280.

POSIDONIA [Pelecypoda].
 — *primosica*. Gortani. 5631.

POSIDONOMYA [Pelecypoda].
 — *incerta*. Airaghi. 5280.

POTERIOCERAS [Cephalopoda].
 — *angustum*. Wedekind. 6235.
 — *campylum*. Wedekind. 6235.
 — *compactum*. Wedekind. 6235.
 — *latum*. Wedekind. 6235.

PRAERADIOLITES [Pelecypoda].
 — *caderensis*. Toucas. 6186.
 — *praeçoquandi*. Toucas. 6186.
 — *praequerieri*. Toucas. 6186.
 — *praequinatus*. Toucas. 6186.
 — *riberaicensis*. Toucas. 6186.
 — *sarladensis*. Toucas. 6186.
 — *subcoquandi*. Toucas. 6186.
 — *subpallitei*. Toucas. 6186.
 — *subtoncosi*. Toucas. 6186.

PROBOLAEUM [Gastropoda].
 — *canadense*. Clarke. 5454.

PROCLADISCITES [Cephalopoda].
 — *pascui* n. f. Kittl. 5766.

PROLOBITES [Cephalopoda].
 — *delphinus* var. *elliptica* n.
 var. Wedekind. 6235.
 — *mirus*. Wedekind. 6235.

PROSPONDYLIUS [Pelecypoda].
 — *taramellii*. Mariani. 5861.

PROTRACHYCYERAS [Cephalopoda].
 — *rudolphi* var. *euxina* n. var.
 Kittl. 5766.
 — *sirenitoides* n. f. Kittl. 5766.

Protrete n. gen. [Pelecypoda]. Girty. 5622.
 — *texana*. Girty. 5622.

PROTOCOLIDIUM [Pelecypoda].
 — *borussicum*. Krause. 5780.
 — *intermedium*. Krause. 5780.

PROTORCULA [Gastropoda].
 — *kittli*. Häberle. 5652.

PSEUDOMELANIA [Gastropoda].
 — *allardi*. Cossmann. 5487.
 — *capduri*. Cossmann. 5487.

PSEUDOMONOTIS [Pelecypoda].
 — *aueri*. Wittenburg. 6263.
 — *dienieri*. Wittenburg. 6266.

PSEUDOMONOTIS [Pelecypoda].
 — *kokeni*. Wittenburg. 6263.
 — *leptopleura*. Wittenburg.
 6263.
 — *purjabiensis*. Wittenburg.
 6266.
 — *ratzensis*. Wittenburg. 6264.
 — *saxorum*. Wittenburg. 6266.
 — *spinicosta*. Wittenburg.
 6263.
 — *waageni*. Wittenburg. 6266.

PSEUDOMURCHISONIA [Gastropoda].
 — *kokeni*. Wittenburg. 6265.
 — *schmidti*. Wittenburg. 6263.

PSEUDONERINEA [Gastropoda].
 — *gurdonensis* n. sp. Coss-
 mann. 5487.

PSILOCERAS [Cephalopoda].
 — *baltzeri*. Epstein. 5565.

PTERIA [Pelecypoda].
 — *guadalupensis*. Girty. 5622.
 — *richardsoni*. Girty. 5622.
 — *squamifera*. Girty. 5622.

PTERINEA [Pelecypoda].
 — *carnica*. Gortani. 5631.

PTYCHOCERAS [Cephalopoda].
 — *inostranzevi*. Karakaš.
 5748.

PULCHELLIA [Cephalopoda].
 — *nicklesi*. Karakaš. 5781.

PUPA [Gastropoda].
 — *oviformis*. Schlosser. 6069.

PUPILLA [Gastropoda].
 — *eumeces* mut. *maxima* n. mut.
 Boettger. 5352.

PYRAZISINUS [Gastropoda].
 — *harrisi*. Maury. 5873.

PYRGULA [Gastropoda].
 — *formosa*. Troll. 6194.

QUENSTEDTICERAS [Cephalopoda].
 — *nalivkini*. Borisák. 5355.

RADULA [Pelecypoda].
 — *hians* var. *transiens* n. var.
 Cerulli-Irelli. 5437.

RHACOPHYLLITES [Cephalopoda].
 — *gigas* var. *intermedia* n. var.
 Vadász. 6205.

Romanites n. gen. [Cephalopoda].
 — Kittl. 5766.
 — *primus* n. f. Kittl. 5766.
 — *simionescui* n. f. Kittl.
 5766.

ROTHPLETZELLA [Gastropoda].
 — *barremica*. Cossmann. 5487.

SANGUINOLITES [Pelecypoda].
 — (?) *aeer*. Reed. 6014.
 — *niger*. Reed. 6104.

SCALARIA [Gastropoda].
 — *eichwaldi*. Karakaš. 5748.
 — *möhri*. Grönwall & Harder.
 5649.

SEMELE [Pelecypoda].
 — *gaii*. Arnold. 5309.

SIGARETUS [Gastropoda].
 — *erectoides*. Aldrich. 5284.

SILESITES [Cephalopoda].
 — *concretus*. Karakaš. 5748.
 — *escragnolensis*. Jacob. 5726.
 — *lamberti*. Jacob. 5726.
 — *sulcistratus*. Karakaš. 5748.
 — *superstes*. Jacob. 5726.
 — *tenuis*. Karakaš. 5748.

SIPHONALIA [Gastropoda].
 — *iheringi*. Steinmann &
 Wilckens. 6159.

SIRENITES [Cephalopoda].
 — *aesculapii*. Frech. 5587.

SOLARIUM [Gastropoda].
 — *pompeckii*. Karakaš. 5748.

SOLEN [Pelecypoda].
 — *radiatus*. Krause. 5780.

SOLENOMYA [Pelecypoda].
 — *neocomiensis*. Haupt. 5667.

SGLENOPSIS [Pelecypoda].
 — *bokkereldensis*. Reed. 6017.

SONNERATIA [Cephalopoda].
 — *grandis*. Sineov. 6131.
 — *media*. Sineov. 6131.
 — *rossica*. Sineov. 6131.
 — *subquadrata*. Sineov. 6131.
 — *tenuis*. Sineov. 6131.

SPAERA [Pelecypoda].
 — *globula*. Karakaš. 5748.

SPONDYLUS [Pelecypoda].
 — *manzoni*. Nelli. 5920.

SPORADOCERAS [Cephalopoda].
 — *angustistellatum*. Wedekind.
 6235.
 — *clarkei*. Wedekind. 6235.
 — *discoidale*. Wedekind. 6235.
 — *inflexum*. Wedekind. 6235.
 — *rotundum*. Wedekind. 6235.
 — *subfasciata*. Wedekind. 6235.
 — *varicatum*. Wedekind. 6235.

STREBLOPITERIA [Pelecypoda].
 — *subrotunda*. Airaghi. 5280.

SIREPSIDERA [Gastropoda].
 — *californica*. Arnold. 5309.

STROPHOSTYLUS [Gastropoda].
 — *decipiens*. Spitz. 6139.
 — *perneri*. Spitz. 6139.

STRUTHIOLARELLA n. subgen. [Gastropoda].
 Steinmann &
 Wilckens. 6159.

SYRINGOCERAS [Cephalopoda].
 — *renzi*. Frech. 5587.

TANREDIA [Pelecypoda].
 — *schucarzi*. Kitchin. 5765.

TAPES [Pelecypoda].
 — *aureus* var. *eemiensis* n. var.
 Nordmann. 5928.

TEREDO [Pelecypoda].
 — *rugaardensis*. Grönwall &
 Harder. 5649.

TELLIMYA [Pelecypoda].
 — *antiqua*. Grönwall & Harder.
 5649.

TELLINA [Pelecypoda].
 — *lorenzoensis*. Arnold. 5309.

THAIS [Gastropoda].
 — *traiicosana*. Arnold. 5309.

THETIRONIA [Pelecypoda].
 — *oblonga*. Kitchin. 5765.

THRACIA [Pelecypoda].
 — *deeliria*. Krause. 5780.

THURMANIA [Cephalopoda].
 — *gueymardi*. Sayn. 6064A.
 — *ischnotera*. Sayn. 6064A.
 — *ischnotera* var. *verticoriensis*
 n. var. Sayn. 6064A.
 — *lucensis*. Sayn. 6064A.
 — *pertransiens*. Sayn. 6064A.
 — *pontetiana*. Sayn. 6064A.
 — *roulanuli* var. *retrocostata* n.
 var. Sayn. 6064A.
 — *salentina*. Sayn. 6064A.
 — *superba*. Sayn. 6064A.

TOLMAIA n. gen. [Pelecypoda]. Williams.
 6250.

TORNOCERAS [Cephalopoda].
 — *bilobatum*. Wedekind. 6235.
 — *dorsatum*. Wedekind. 6235.
 — *escoti* var. *carnicum* n. var.
 Gortani. 5631.
 — *kochi*. Wedekind. 6235.
 — *weissi*. Wedekind. 6235.

TOXOCERAS [Cephalopoda].
 — *dahmowi*. Karakaš. 5748.
 — *sinzowi*. Karakaš. 5748.

TRAPEZIUM [Pelecypoda].
 — *lycete* nom. mut. Cossmann.
 5486.
 — ? *tatei*. Kitchin. 5765.

TREMANOTUS [Gastropoda].
 ——— *fortis* var. *alpina* n. var.
 Spitz. 6139.
 ——— *parvus*. Spitz. 6139.

TRIGONIA [Pelecypoda].
 ——— *holubi*. Kitchin. 5765.
 ——— *kraussi*. Kitchin. 5765.
 ——— *rogersi*. Kitchin. 5765.
 ——— *stovi*. Kitchin. 5765.

Trigryra n. gen. [Gastropoda]. Raymond. 6012.
 ——— *ulrichi*. Raymond. 6012.

TRITONIUM [Gastropoda].
 ——— *newsoni*. Arnold. 5309.

TRITONOFUSUS [Gastropoda].
 ——— *kelseyi*. Dall. 5499.

TROCHONEMA [Gastropoda].
 ——— *lescarboti*. Clarke. 5454.

Trochonerita n. subgen. [Gastropoda].
 Cossmann. 5487.

TROCHUS [Gastropoda].
 ——— *balticus*. Krause. 5780.
 ——— *biassaleensis*. Karakaš. 5748.
 ——— *borussiens*. Krause. 5780.
 ——— *conspicuus*. Spitz. 6139.
 ——— *delaunayi*. Cossmann. 5486.
 ——— *meridionalis*. Karakaš. 5748.
 ——— *scutini*. Spitz. 6139.
 ——— *stachei*. Spitz. 6139.
 ——— *vittis*. Spitz. 6139.

TRYBLIDIUM [Gastropoda].
 ——— *patulum*. Cieland. 5457.

TUBINA [Gastropoda].
 ——— *geyeri*. Spitz. 6139.

TURBO [Gastropoda].
 ——— *fennemai*. Schepman. 6068.
 ——— *gronensis*. Wittenburg.
 6264.
 ——— *heptagoniatus*. Cossmann.
 5487.
 ——— *johnstrupi*. Grönwall &
 Harder. 5649.
 ——— *lenkei*. Wittenburg. 6263.
 ——— *marshalli*. Thomson. 6182.
 ——— *minutulus*. Kitchin. 5765.
 ——— *rogersi*. Kitchin. 5765.

TURBONILLA [Gastropoda].
 ——— *fuscina*. Steinmann &
 Wilckens. 6159.
 ——— *harderi*. Grönwall & Harder.
 5649.

TURCICULA [Gastropoda].
 ——— *santacruzana*. Arnold. 5309.

TURRICULA [Gastropoda].
 ——— *martini*. Schepman. 6068.
 ——— *minahassae*. Schepman.
 6068.

TURRITELLA [Gastropoda].
 ——— *magna*. Karakaš. 5748.
 ——— *medioconcava*. Oppenheim.
 5934.
 ——— *pescaderoensis*. Arnold.
 5309.
 ——— *whitei stantoni* n. var.
 Shimer & Blodgett. 6115.

TURRITOMA [Gastropoda].
 ——— ? *tenuifilosa*. Donald. 5526.

TYLOSTOMA [Gastropoda].
 ——— *taurica*. Karakaš. 5748.

UMBONIUM [Gastropoda].
 ——— *bütschlii*. Häberle. 5652.

UNIO [Pelecypoda].
 ——— *cretacollis*. Maury. 5873.
 ——— *kinkelini*. Haas. 5651.
 ——— *neustruevi*. Andrusov. 5295.
 ——— *sudovskij*. Andrusov. 5295.
 ——— *trigoniformis*. Maury.
 5873.
 ——— *trinilensis*. Dubois. 5547.
 ——— *uitenhagensis*. Kitchin. 5765.

VALVATA [Gastropoda].
 ——— *delaunayi*. Cossmann. 5486.

VANIKOROPSIS [Gastropoda].
 ——— *exerta*. Cossmann. 5487.

VENERICARDIA [Pelecypoda].
 ——— *montereyana*. Arnold. 5309.

VERTICORDIA [Pelecypoda].
 ——— *granuloides*. Aldrich. 5284.

VOLUTODERMA [Gastropoda].
 ——— *clatworthyi*. Henderson.
 5673.

WAAGENOCERAS [Cephalopoda].
 ——— *cummingsi guadalupense* n.
 var. Girty. 5622.

WARTHIA [Gastropoda].
 ——— *americana*. Girty. 5622.

Wingeastonina n. nom. [Gastropoda].
 Schepman. 6068.

WITCHELLIA [Cephalopoda].
 ——— *isjumica*. Borisiak. 5355.
 ——— *kumenka*. Borisiak. 5355.
 ——— *rossica*. Borisiak. 5355.

WORTHENIA [Gastropoda].
 ——— *latemarensis*. Häberle. 5652.
 ——— *viezzeneae*. Häberle. 5652.

YOLDIA [Pelecypoda].
 ——— *submontereyensis*. Arnold.
 5309.

Zonidiscus n. gen. [Gastropoda]. Spitz.
 6139.
 ——— *carnicus*. Spitz. 6139.

ZYGOPLLEURA [Gastropoda].
— (?) *benoisti*. Cossmann. 5486.

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AGENIA [Fossoria].
— *saxigena*. Cockerell. 5464.

ANABRUS [Locustidae].
— *caudelli*. Cockerell. 5471.

ARCHAEMEGAPTILUS [Palaeodictyoptera].
— *kiefferi*. Meunier. 5892.

ARCHAEOPTILUS [Palaeodictyoptera].
— *boulei*. Meunier. 5891.

ARCHIMYLACRIS [Orthoptera].
— *desaillyi*. Leriche. 5816.

ASILUS [Diptera].
— *klebsi*. Meunier. 5894.

Blattinopsiella n. gen. [Orthoptera].
Meunier. 5888.
— *pygmaea*. Meunier. 5888.

BRACHYSTOMA [Diptera].
— *gracilis*. Meunier. 5890.

CECIDOMYIA ? [Cecidomyiidae].
— *pontaniiformis*. Cockerell.
5471.

CARABITES [Incertae Sedis].
— *kincaidi*. Cockerell. 5464.

Cockerellia n. gen. [Palaeodictyoptera].
Meunier. 5891.
— *peromapteroides*. Meunier.
5891.

CORYMBITES [Elateridae].
— *granulicollis*. Wickham.
6245.
— *primitivus*. Wickham. 6245.

CUTHYNEURIELLA [Diptera].
— *longirostris*. Meunier. 5890.

CYCLOSCELIS [Megasecopteridae].
— *elephantissima*. Meunier.
5893.

CYPHOSOMA [Scolytidae].
— *askenasyi*. Heyd. 5564.

DACTYLOMYLACRIS [Orthoptera].
— *jacobsi*. Meunier. 5889.

DIAPHANOPTERA [Neuroptera].
— *superba*. Meunier. 5892.

DICRANOMYIA [Tipulidae].
— *rhodolitha*. Cockerell. 5464.

DINEURA [Tenthredinidae].
— *cockerelli*. Rohwer. 6043.
— *fuscipennis*. Rohwer. 6044.
— *laminarum*. Brues. 5396.

Drapetilla n. gen. [Diptera]. Meunier.
5890.
— *definitum*. Meunier. 5890.
— *brevis*. Meunier. 5890.
— *decolorata*. Meunier. 5890.
— *decoratum*. Meunier. 5890.
— *mortuum*. Meunier. 5890.
— *ritiosum*. Meunier. 5890.

DRYOBIA [Cerambycidae].
— *mioenius*. Beutenmüller
& Cockerell in Cockerell.
5471.

ELEODES [Tenebrionidae].
— *behrii*. Grinnell. 5646.
— *elongata*. Grinnell. 5646.
— *intermedia*. Grinnell. 5646.

EMBIA [Embiidae].
— *florissantensis*. Cockerell.
5464.

EMPIST [Diptera].
— *exilis*. Meunier. 5890.
— *insecta*. Meunier. 5890.
— *mala*. Meunier. 5890.
— *malefica*. Meunier. 5890.
— *mordax*. Meunier. 5890.
— *morosa*. Meunier. 5890.
— *personata*. Meunier. 5890.
— *tristis*. Meunier. 5890.

ENALLAGMA [Odonata].
— *florissantella*. Cockerell.
5464.

EPHEMERA [Ephemeridae].
— *howarthi*. Cockerell. 5464.

ERIOCAMPUS [Tenthredinoidea].
— *bruesi*. Rohwer. 6044.
— *scudleri*. Brues. 5396.

ERIOPHYES [Acarina].
— (?) *beutenmülleri*. Cockerell.
5471.

Fayoliella n. gen. [Blattidae]. Meunier.
5893.

FORIRIA [Neuroptera].
— *maculata*. Meunier. 5892.

HEMERODROMIA [Diptera].
— *detestata*. Meunier. 5890.

HILARA [Diptera].
— *litigiosa*. Meunier. 5890.
— *macilenta*. Meunier. 5890.
— *tarda*. Meunier. 5890.

HIRMONEURA [Nemestrinidae].
— *melanderi*. Cockerell. 5464.
— *occultator*. Cockerell. 5473.
— *rulcanica*. Cockerell. 5464.

HYNOS [Diptera].
— *exilis*. Meunier. 5890.
— *tenuis*. Meunier. 5890.

Klebsiella n. gen. [Palaeodictyopteridae].
Meunier. 5893.

LEPIDOMYIA [Diptera].
— *vaga*. Meunier. 5890.

LETOPEZA [Diptera].
— *concinna*. Meunier. 5890.

Lisconeura n. gen. [Tenthredinidae].
Rohwer. 6043.

Lithogryllites n. gen. [Gryllidae].
Cockerell. 5471.
— *lutzii*. Cockerell. 5471.

Lygobius n. gen. [Orthoptera].
Mitchell. 5900.
— *knowltoni*. Mitchell. 5900.

MACROPHYA [Tenthredinidae].
— *pervetusta*. Brues. 5396.

MEGAXYELA [Lydidae].
— *petrefacta*. Brues. 5396.

MEGHYPERIELLA [Diptera].
— *porphyropsoides*. Meunier. 5890.

MELANACTES [Elateridae].
— *cockerelli*. Wickham. 6245.

MELANAGRION [Odonata].
— *nigerimum*. Cockerell. 5464.

MELLINUS [Aculeata].
— *handlirschi*. Rohwer. 6045.

MICRODICTYA [Palaeodictyoptera].
— *agnita*. Meunier. 5891.
— *klebsi*. Meunier. 5891.
— *villeneuvei*. Meunier. 5893.

MICROPHORUS [Diptera].
— *putidus*. Meunier. 5890.

NECRODES [Silphidae].
— *primaevus*. Beutenmüller & Cockerell in Cockerell. 5471.

NEUROTONA [Lydidae].
— *cockerelli*. Rohwer. 6043.

Nortonella n. gen. [Tenthredinoidea].
Rohwer. 6044.
— *typica*. Rohwer. 6044.

NYMPHALLITES [Nymphalidae].
— *scudderii*. Beutenmüller & Cockerell in Cockerell. 5471.

OEDALEA [Diptera].
— *robusta*. Meunier. 5890.

PALAEOLETOPEZA [Diptera].
— *gracilis*. Meunier. 5890.

Palaeorehnia n. gen. [Orthoptera].
Cockerell. 5467.
— *maculata*. Cockerell. 5467.

Palaeotaxonus n. gen. [Tenthredinidae].
Brues. 5396.
— *trivittatus*. Rohwer. 6043.
— *typicus*. Brues. 5396.

PANOPRA [Planipennia].
— *arctiformis*. Cockerell. 5471.

PARATHALASSIELLA [Diptera].
— *problematica*. Meunier. 5890.

Paremphytus n. gen. [Tenthredinidae].
Brues. 5396.
— *ostentus*. Brues. 5396.

Phenacolestes n. gen. [Odonata].
Cockerell. 5471.
— *mirandus*. Cockerell. 5471.
— (?) *parallelus*. Cockerell. 5471.

Phenacoperga n. gen. [Tenthredinidae].
Cockerell. 5476.

PHONEUSTICA [Diptera].
— *ecocenica*. Meunier. 5890.
— *suspiciosa*. Meunier. 5890.

PHORA [Phoridae].
— *cockerelli*. Brues. 5397.
— *laminarum*. Brues. 5397.

PHYLLODROMIA [Diptera].
— *delicata*. Meunier. 5890.
— *dolosa*. Meunier. 5890.
— *rustica*. Meunier. 5890.

PHYMATODES [Cerambycidae].
— *rolans*. Beutenmüller & Cockerell in Cockerell. 5471.

Piroutetia n. gen. [Neuroptera]. Meunier. 5887.
— *liaxina*. Meunier. 5887.

PISON [Fossoria].
— *cockerellae*. Rohwer. 6042.
— *oligocenum*. Cockerell. 6042.

PLATYPALPUS [Diptera].
— *concitatus*. Meunier. 5890.

PLATYPEDIA [Cicadidae].
— *primigenia*. Cockerell. 5464.

POLYSTOECOTES [Planipennia].
— *piperatus*. Cockerell. 5471.

Procopoblatta n. gen. [Orthoptera].
Schuster. 6087.
— *schusteri*. Schuster. 6087.

Pseudocimbex n. gen. [Tenthredinidae].
Rohwer. 6043.
— *claratus*. Rohwer. 6043.

PTERONUS [Tenthredinidae].
— *prodigus*. Brues. 5396.

RAGES [Diptera].
 —— *generosa*. Meunier. 5890.

RHAMPHOMYIA [Diptera].
 —— *abllata*. Meunier. 5890.
 —— *angusta*. Meunier. 5890.
 —— *corrupta*. Meunier. 5890.
 —— *errabunda*. Meunier. 5890.
 —— *insolita*. Meunier. 5890.
 —— *involuta*. Meunier. 5890.
 —— *media*. Meunier. 5890.
 —— *obtusa*. Meunier. 5890.
 —— *oedalooides*. Meunier. 5890.
 —— *porrecta*. Meunier. 5890.

SAFERDA [Cerambycidae].
 —— (?) *submersa*. Cockerell. 5464.

SCHIZOCERUS [Tenthredinoidea].
 —— *konowi*. Rohwer. 6044.

SCOLIONEURA [Tenthredinidae].
 —— *rcxabilis*. Brues. 5396.

SPHECOPTERA [Megasecopteridae].
 —— *brongniarti*. Meunier. 5893.

STENODICTYIA [Palaeodictyoptera].
 —— *therenini*. Meunier. 5891.

STOBBSIA n. gen. [Lithomantidae]. Handlirsch. 5660.
 —— *woodwardiana*. Handlirsch. 5660.

SYSCIOPHLEBIA [Orthoptera].
 —— *douvillei*. Meunier. 5889.

TACHYDROMIA [Diptera].
 —— *egelata*. Meunier. 5890.
 —— *roracis*. Meunier. 5890.

TENTHREDO [Tenthredinidae].
 —— *avia*. Brues. 5396.
 —— *infossa*. Brues. 5396.
 —— *misera*. Brues. 5396.
 —— *saxorum*. Rohwer. 6044.

TRICHIOSOMITES n. gen. [Tenthredinidae]. Brues. 5396.
 —— *obliviosus*. Brues. 5396.

TRICHOPEZA [Diptera].
 —— *longicornis*. Meunier. 5890.

ZAITIA [Belostomatidae].
 —— *vulcanica*. Cockerell. 5464.

2631 CRUSTACEA.

Archaeopus n. gen. [Decapoda]. Rathbun. 6010.
 —— *antennatus*. Rathbun. 6010.

BAIRDIA [Ostracoda].
 —— *dentata*. Issler. 5725.
 —— *rostrata*. Issler. 5725.

BEYRICHIA [Ostracoda].
 —— *granulifera* n. nom. Ulrich & Bassler. 6202.
 —— *moodeyi*. Ulrich & Bassler. 6202.
 —— *waldronensis*. Ulrich & Bassler. 6202.

Branchiolambrus n. gen. [Decapoda]. Rathbun. 6010.
 —— *altus*. Rathbun. 6010.

CALIANASSA [Decapoda].
 —— *subtilis*. Krause. 5780.

CANCER [Decapoda].
 —— *fissus*. Rathbun. 6010.

CY THERE [Ostracoda].
 —— *egregia*. Méhes. 5877.
 —— *naca*. Méhes. 5877.
 —— *tenuipunctata*. Méhely. 5877.

CY THEREIS [Ostracoda].
 —— *foreata*. Méhes. 5877.
 —— *hungarica*. Méhes. 5877.
 —— *örentheysi*. Méhes. 5877.
 —— *müllerii*. Méhes. 5877.
 —— *tenuistriata*. Méhes. 5877.

CY THEREDEA [Ostracoda].
 —— *ampullata*. Méhes. 5877.
 —— *banatica*. Méhes. 5877.
 —— *pannonica*. Méhes. 5877.
 —— *pannonica* var. *tuberculata* n. var. Méhes. 5877.

CY THEREDEIS [Ostracoda].
 —— *longissima*. Méhes. 5877.

CY THEREURA [Ostracoda].
 —— *cretae*. Egger. 5555.

DARWINULA [Ostracoda].
 —— *dadayi*. Méhes. 5877.

GALENOPSIS [Decapoda].
 —— *ristorii*. Checchia-Rispoli. 5443.

HOLLINA n. gen. [Ostracoda]. Ulrich & Bassler. 6202.

JONESINA n. gen. [Ostracoda]. Ulrich & Bassler. 6202.

KIRKBYINA n. gen. [Ostracoda]. Ulrich & Bassler. 6202.

KLOEDENELLA n. gen. [Ostracoda]. Ulrich & Bassler. 6202.
 —— *clarkei paupera* n. var. Ulrich & Bassler. 6202.
 —— *turgida*. Ulrich & Bassler. 6202.
 —— *turgida ventrosa* n. var. Ulrich & Bassler. 6202.

KLOEDENELLINAE n. subfam. [Ostracoda]. Ulrich & Bassler. 6202.

KLOEDENIA [Ostracoda].

- *centricornis*. Ulrich & Bassler. 6202.
- *fimbriata*. Ulrich & Bassler. 6202.
- *marginalis*. Ulrich & Bassler. 6202.
- *praenuntia*. Ulrich & Bassler. 6202.
- *punctillosa*. Ulrich & Bassler. 6202.
- *retifera*. Ulrich & Bassler. 6202.

KRITHE [Ostracoda].

- *parallela*. Méhes. 5877.
- *parallela* var. *minor* n. var. Méhes. 5877.

LOXOCONCHA [Ostracoda].

- *kochi*. Méhes. 5877.
- *porosa*. Méhes. 5877.

MEYERIA [Decapoda].

- *schwarzii*. Kitchin. 5765.

POLLICIPES [Cirripedia].

- *concinna*. Woodward. 6285.

RIBEIRIA [Phyllopoda].

- *turgida*. Cleland. 5457.

SCALPELLUM [Cirripedia].

- *attenuatum*. Woodward. 6285.

SCOFIELDIA n. gen. [Ostracoda]. Ulrich & Bassler. 6202.

STEUSLOFFIA n. subgen. [Ostracoda]. Ulrich & Bassler. 6202.

TREPOSSELLA n. gen. [Ostracoda]. Ulrich & Bassler. 6202.

2831 XIPHOSURA, EURIPTE-RIDA, TRILOBITA.

ACASTE [Trilobita].

- *acutilobata*. Knod. 5768.
- *henni*. Richter. 6039.
- *nolens*. Richter. 6039.
- *perplana*. Knod. 5768.
- *schmidtii*. Richter. 6039.

ACIDASPIS [Trilobita].

- *arica*. Richter. 6039.

AGNOSTUS [Trilobita].

- *calous*. Lake. 5785.
- *securiger*. Lake. 5785.

ALBERTELLA n. gen. [Trilobita]. Walcott. 6222.

- *bosworthi*. Walcott. 6222.
- *helena*. Walcott. 6222.

AMPYX [Trilobita].

- *incurvus*. Reed. 6016.

ANISOPYGE n. gen. [Trilobita]. Girty.

- *5622*.
- *antiqua*. Girty. 5622.

ASAPHUS [Trilobita].

- *aculeatus*. Wiman. 6260.
- *fennicus*. Wiman. 6260.
- *robergii*. Wiman. 6260.
- *uplandicus*. Wiman. 6260.
- *wahlenbergii*. Wiman. 6260.

BATHYURISCUS [Trilobita].

- *ornatus*. Walcott. 6222.
- (?) *levis*. Cleland. 5457.

BRONTEUS [Trilobita].

- *alpinus*. Gortani. 5631.

BUMASTUS [Trilobita].

- *bellerivensis*. Raymond & Narraway. 6013.
- *billingsi*. Raymond & Narraway. 6013.

BURLINGIA n. gen. [Trilobita]. Walcott. 6222.

- *hectori*. Walcott. 6222.

CALYMBE [Trilobita].

- *planimarginata*. Reed. 6016.

CERATOCEPHALA [Trilobita].

- *robinia*. Clarke. 5454.

CHASMOPS [Trilobita].

- *wesenbergensis* var. *applanata* n. var. Wiman. 6260.

CHEIRURUS [Trilobita].

- *thomsoni*. Reed. 6016.

CORDANIA [Trilobita].

- *gasepiou*. Clarke. 5454.

CRYPTAHEUS [Trilobita].

- *boopis*. Richter. 6039.
- *cometa*. Richter. 6039.
- *diadema*. Richter. 6039.
- *drevermanni*. Richter. 6039.

CYBELE [Trilobita].

- *lorenii* var. *girvanensis* n. var. Reed. 6016.

DALMANITES [Trilobita].

- *biardi*. Clarke. 5454.
- *böhmi*. Knod. 5768.
- *corius*. Clarke. 5454.
- *dolbeli*. Clarke. 5454.
- *esnoufi*. Clarke. 5454.
- *gaveyi*. Clarke. 5454.
- *griffoni*. Clarke. 5454.
- *louci*. Clarke. 5454.
- *perceensis*. Clarke. 5454.
- *veiti*. Clarke. 5454.
- *whiteavesi*. Clarke. 5454.

DECHENELIA [Trilobita].
 ——— *burmeisteri*. Richter. 6039.
 ——— *italica*. Gortani. 5631.
 ——— *kayseri*. Richter. 6039.
 ——— *tschernyschewi*. Richter. 6039.
 ——— *vinassai*. Gortani. 5631.

DREVERMANNIA n. gen. [Trilobita].
 ——— *uralica*. Richter. 6039.

EUTRIMEROCEPHALUS n. subgen. [Trilobita]. Gortani. 5631.

HOLOMETOPUS [Trilobita].
 ——— *nitens*. Wiman. 6260.

ILLAENUS [Trilobita].
 ——— *latiaxiatus*. Raymond & Narraway. 6013.
 ——— *memorabilis*. Reed. 6016.
 ——— *mirus*. Wiman. 6260.

LICHAPYGE [Trilobita].
 ——— *problematica*. Reed. 6016.

LICHAS [Trilobita].
 ——— *bellanicus*. Clarke. 5454.
 ——— *beryllifera*. Richter. 6039.
 ——— *botuniensis*. Wiman. 6260.
 ——— *forillonis*. Clarke. 5454.
 ——— *grayi* var. *scoticus* n. var. Reed. 6016.

MICROPHTHALMUS n. subgen. [Trilobita]. Gortani. 5631.

NEOLENUS [Trilobita].
 ——— *inflatus*. Walcott. 6222.
 ——— *intermedius*. Walcott. 6222.
 ——— *intermedius pugio* n. var. Walcott. 6222.
 ——— *superbus*. Walcott. 6222.

ORYCTOCARA n. gen. [Trilobita]. Walcott. 6222.
 ——— *geikiei*. Walcott. 6222.

PHACOPS [Trilobita].
 ——— *bisseti*. Reed. 6016.
 ——— *logani gaspensis* n. var. Clarke. 5454.

PHILLIPSIA [Trilobita].
 ——— *stratton-porteri*. Rowley. 6052.

PROETUS [Trilobita].
 ——— *tenuimargo*. Richter. 6039.

SYMPHYSURUS [Trilobita].
 ——— *apolonista*. Lake. 5784.

TRIMEROCEPHALUS [Trilobita]. Gortani. 5631.
 ——— *anophthalmus* mut. *richteri*. n. mut. Gortani. 5631.
 ——— *anophthalmus* var. *tietzei* n. var. Gortani. 5631.

TRIMEROCEPHALUS [Trilobita].
 ——— *carnicus*. Gortani. 5631.
 ——— *pseudogranulatus*. Gortani. 5631.
 ——— *roemerii* n. nom. Gortani. 5631.

TRINUCLEUS [Trilobita].
 ——— *boliviensis*. Lake. 5784.

ZACANTHOIDES [Trilobita].
 ——— *idahoensis*. Walcott. 6222.

3431 MYRIPODA.

JULUS [Diplopoda].
 ——— *caricola*. Grinnell. 5646.
 ——— *occidentalis*. Grinnell. 5646.

SPIROBOLUS [Diplopoda].
 ——— *australis*. Grinnell. 5646.

5431 PISCES.

ANCESTRODON [Plectognathi].
 ——— *armatus* var. *fourtani* n. var. Priem. 6002.
 ——— *armatus* var. *teilhardi* n. var. Priem. 6002.

CALAMOPLEURUS [Elopidae].
 ——— *vestitus*. Jordan. 5744.

CLEARANA n. gen. [Osteoglossidae (?)].
 ——— *rochae*. Jordan & Branner. 5744.
 ——— *5744*.

CERATODUS [Dipnoi].
 ——— *ornatus*. Broom. 5388.

CURYSOPHYS [Acanthopterygii].
 ——— *gervaisi*. Leriche. 5812.

CLADODUS [Elasmobranchii].
 ——— *compressus*. Branson. 5366.
 ——— *urbs-ludovici*. Eastman. 5551.

CLEITHROLEPIS [Ganoidei].
 ——— *minor*. Broom. 5388.

COELACANTHUS [Coelacanthidae].
 ——— *welleri*. Eastman. 5552.

CONCHODUS [Dipneusti].
 ——— *variabilis*. Eastman. 5551.

DICTYOPYGE [Ganoidei].
 ——— *formosa*. Broom. 5388.

DIPTERUS [Dipneusti].
 ——— *digitatus*. Eastman. 5551.
 ——— *pectinatus*. Eastman. 5551.

EDESTUS [Selachii].
 ——— *karpinskij*. Missunianka. 5899.

ELONICHTHYS [Chondrostei].
 ——— *denticulatus*. Traquair. 6191.

Enneles n. gen. [Elopidae]. Jordan & Branner. 5744.
 ——— *audax*. Jordan & Branner. 5744.

GYRACANTHUS [Acanthodii].
 ——— *primaerus*. Eastman. 5551.

GYRODUS (?) [Holostei].
 ——— *pieteti*. Karakaš. 5748.

Helichthys n. gen. [Ganoidei]. Broom. 5388.
 ——— *browni*. Broom. 5388.
 ——— *tenuis*. Broom. 5388.

HYBODUS [Selachii].
 ——— *africanus*. Broom. 5388.

Hydropessum n. gen. [Ganoidei].
 Broom. 5388.
 ——— *kannemeyeri*. Broom. 5388.

NOTIDANUS [Selachii].
 ——— *subrecurvus*. Oppenheim. 5936.

OTOLITHUS [Acauthopterygii].
 ——— (Apogoninarum) *boulei*. Priem. 6001.
 ——— (Apogoninarum) *orbicularis*. Priem. 6001.
 ——— (Arius) *lerichei*. Priem. 6001.
 ——— *bornholmiensis*. Malling & Grönwall. 5858.
 ——— (Congeris) *papioni*. Priem. 6001.
 ——— (Dentex) *dubius*. Priem. 6001.
 ——— (Ophidiidarum) *kokeni*. Priem. 6001.
 ——— (Percidarum) *angustus*. Priem. 6001.
 ——— (Percidarum) *concarus*. Priem. 6001.
 ——— (Percidarum) *obtusus*. Priem. 6001.
 ——— (Serranus) *bourdoti*. Priem. 6001.
 ——— (Siluridarum) *incertus*. Priem. 6001.
 ——— (Sparidarum) *lemoinei*. Priem. 6001.
 ——— (Sparidarum) *sauvagei*. Priem. 6001.
 ——— (Trachini) *therenini*. Priem. 6001.

OXYGNATHUS [Ganoidei].
 ——— *browni* Broom. 5388.

Palaeophichthys n. gen. [Coelacanthidae]. Eastman. 5551.
 ——— *parvulus*. Eastman. 5551.

PHOLIDOPHORUS [Pisanoidei].
 ——— *browni*. Broom. 5388.
 ——— *faciellus* n. f. Gortani. 5632.

RHADINICHTHYS [Palaeoniscidae].
 ——— *deani*. Eastman. 5551.

SCIAENIDARUM [Selachii].
 ——— *mauei*. Leriche. 5813.

SYNTHEtodus [Ctenodontidae].
 ——— *calcini*. Eastman. 5551.

Tharrhias n. gen. [Leptolepididae].
 Jordan & Branner. 5744.
 ——— *arripis*. Jordan & Branner. 5744.

TRIGONODON [Acanthopterygii].
 ——— *laevis*. Priem. 6002.
 ——— *serratus* var. *aegyptiacus* n. var. Priem. 6002.

5631 REPTILIA AND BATRACHIA.

Achilemys n. gen. [Testudinidae]. Hay. 5672.

Anocus [Dermatemydidae].
 ——— *lacer*. Hay. 5672.

Alamosemys n. gen. [Dermatemydidae].
 Hay. 5672.
 ——— *substricta*. Hay. 5672.

Alopecodon n. gen. [Anomodontia].
 Broom. 5384.
 ——— *rugosus*. Broom. 5384.

Amblypeza n. gen. [Bothremydidae].
 Hay. 5672.
 ——— *entellus*. Hay. 5672.

AMYDA [Trionychidae].
 ——— *aqua*. Hay. 5672.
 ——— *crassa*. Hay. 5672.
 ——— *egregia*. Hay. 5672.
 ——— *exquisita*. Hay. 5672.
 ——— *franciscae*. Hay. 5672.
 ——— *mira*. Hay. 5672.
 ——— *salebrosa*. Hay. 5672.

Ankylosaurus n. gen. [Dinosauria].
 Brown. 5394.
 ——— *maguirensis*. Brown. 5394.

ASPIDERETES [Trionychidae].
 ——— *austerus*. Hay. 5672.
 ——— *ellipticus*. Hay. 5672.
 ——— *fontanus*. Hay. 5672.
 ——— *grangeri*. Hay. 5672.
 ——— *granifer*. Hay. 5668.
 ——— *nassau*. Hay. 5672.
 ——— *puerensis*. Hay. 5672.

ASPIDERETES [Trionychidae].
 ——— *sagatus*. Hay. 5672.
 ——— *singularis*. Hay. 5672.
 ——— *splendidus*. Hay. 5672.
 ——— *vorax*. Hay. 5672.

BAENA [Baenidae].
 ——— *clara*. Hay. 5672.
 ——— *emiliae*. Hay. 5672.
 ——— *escravada*. Hay. 5672.
 ——— *riparia*. Hay. 5672.
 ——— *sima*. Hay. 5672.

BAPTEMYS [Dermatemydidae].
 ——— *fluvialis*. Hay. 5672.
 ——— *tricarinata*. Hay. 5672.

Bauria n. gen. [Cynodontia]. Broom. 5389.
 ——— *cynops*. Broom. 5389.

CAPITOSAURUS [Stegocephalia].
 ——— *africanus*. Broom. 5389.

Charitemys n. gen. [Baenidae]. Hay. 5672.
 ——— *captans*. Hay. 5672.

CHRYSEMYS [Emydidae].
 ——— *timida*. Hay. 5672.

CLEMMYS [Emydidae].
 ——— *morrissiae*. Hay. 5672.

CROCODILUS [Crocodilia].
 ——— *osseifragus*. Dubois. 5547.

CYMBOSPONDYLYS (?) [Ichthyosauria].
 ——— *natans*. Merriam. 5883.
 ——— *nevadanus*. Merriam. 5883.

DEIROCHELYS [Emydidae].
 ——— *floridana*. Hay. 5672.

Diceratops n. nom. [Dinosauria]. Lull. in Hatcher. 5666.
 ——— *hatcheri* n. nom. Lull in Hatcher. 5666.

DICYNODON [Theromorpha].
 ——— *seeleyi*. Broili. 5376.

Eccasaurus n. gen. [Incert. Sed.]. Broom. 5389.
 ——— *priscus*. Broom. 5389.

ECHMATEMYS [Emydidae].
 ——— *aegle*. Hay. 5672.
 ——— *arethusa*. Hay. 5672.
 ——— *callipyge*. Hay. 5672.
 ——— *cyanæ*. Hay. 5672.
 ——— *naomi*. Hay. 5672.
 ——— *oeyrrhoe*. Hay. 5672.
 ——— *pusilla*. Hay. 5672.
 ——— *rivalis*. Hay. 5668.
 ——— *wintensis*. Hay. 5672.

ERQUELINNESIA [Thalassemydidae].
 ——— *malaria*. Hay. 5672.

Eubaena n. gen. [Baenidae]. Hay. 5672.
 ——— *latifrons*. Hay. 5672.

GAVIALIS [Crocodilia].
 ——— *bengawanicus*. Dubois. 5547.

Gigantosaurus n. gen. [Dinosauria]. Fraas. 5585.
 ——— *africanus*. Fraas. 5585.
 ——— *robustus*. Fraas. 5585.

GLYPTOPS [Pleurosternidae].
 ——— *caelatus*. Hay. 5672.
 ——— *depressus*. Hay. 5672.
 ——— *pervicax*. Hay. 5672.

GLYPTOSAURUS [Lacertilia].
 ——— *montanus*. Douglass. 5529.
 ——— *obtusidens*. Loomis. 5842.

GRESSLYOSAURUS [Dinosauria].
 ——— *plieningeri*. Huene. 5712.
 ——— *robustus*. Huene. 5712.

Gyremys n. gen. [Emydidae]. Hay. 5672.
 ——— *spectabilis*. Hay. 5672.

HADRIANUS [Testudinidae].
 ——— *tumidus*. Hay. 5672.

Halticosaurus n. gen. [Dinosauria]. Huene. 5712.
 ——— *longotarsus*. Huene. 5712.

Heleophilus n. gen. [Mesosauria]. Broom. 5389.
 ——— *acutus*. Broom. 5389.

Helopanoplia n. gen. [Trionychidae]. Hay. 5672.
 ——— *distincta*. Hay. 5672.

Hoplochelys n. gen. [Dermatemydidae]. Hay. 5672.
 ——— *caelata*. Hay. 5668.
 ——— *paludosa*. Hay. 5672.
 ——— *saliens*. Hay. 5672.

Hyaenesuchus n. gen. [Anomodontia]. Broom. 5348.
 ——— *whaitsi*. Broom. 5384.

ICHNIUM.
 ——— *acrodactylum* subsp. *alternans* n. subsp. Pabst. 5948.
 ——— *acrodactylum* subsp. *curvata* n. subsp. Pabst. 5948.
 ——— *acrodactylum* subsp. *dispar* n. subsp. Pabst. 5948.
 ——— *anakolodactylum*. Pabst. 5948.
 ——— *brachydaactylum*. Pabst. 5948.
 ——— *dilochodactylum*. Pabst. 5948.

ICHNIUM.

- *gampsodactylum tenue*. Pabst. 5948.
- *gampsodactylum* subsp. *gracilis* n. subsp. Pabst. 5948.
- *gampsodactylum* subsp. *minor* n. subsp. Pabst. 5948.
- *pachydactylum*. Pabst. 5948.
- *pachydactylum ungulatum*. Pabst. 5948.
- *pachydactylum minus*. Pabst. 5948.
- *rhopalodactylum*. Pabst. 5948.
- *sphaerodactylum* subsp. *minor* n. subsp. Pabst. 5948.

ICHTHYOSAURUS [Ichthyosauria].

- *kokeni*. Broili. 5377.

ISODECITES [Incertae Sedis].

- *copei* n. nom. Williston. 6255.

Kallistira n. gen. [Dermatemydidae].

Hay. 5672.

LYTOLOMA [Thalassemydidae].

- *wielandi*. Hay. 5672.

MACROCHELYS [Chelydridae].

- *floridana*. Hay. 5672.

Naiadochelys n. gen. [Bothremydidae].

Hay. 5672.

- *ingravata*. Hay. 5672.

Naomichelys n. gen. [Baenidae].

Hay. 5672.

- *speciosa*. Hay. 5672.

OSTEOPYGIS [Thalassemydidae].

- *robustus* Hay. 5672.

Ophiderpetontidae n. fam. Schwarz.

6090.

OXYDON [Theromorpha].

- *britannicus*. Huene. 5717.

Pachysaurus n. gen. [Dinosauria].

Huene. 5712.

- *ajax*. Huene. 5712.

- *magnus*. Huene. 5712.

Pardosuchus n. gen. [Anomodontia].

Broom. 5384

- *whaitsi*. Broom. 5384.

PLASTOMENUS [Plastomenidae].

- *tentillus*. Hay. 5672.

- *visendus*. Hay. 5672.

PLATEOSAURUS [Dinosauria].

- *erlenbergi*. Huene. 5712.

- *ornatus*. Huene. 5712.

- *quenstedti*. Huene. 5712.

- *reinigeri*. Huene. 5712.

PLATYPETLIS [Trionychidae].

- *extensa*. Hay. 5672.

- *postera*. Hay. 5672.

Procolpochelys n. gen. [Cheloniidae].

Hay. 5672.

PROTOSTEGA [Protostegidae].

- *advena*. Hay. 5672.

- *potens*. Hay. 5672.

PSEUDEMYS [Emydidae].

- *caelata*. Hay. 5672.

- *extincta*. Hay. 5672.

Rhetechelys n. gen. [Thalassemydidae].

Hay. 5672.

RHINESUCHUS [Labyrinthodontia].

- *whaitsi*. Broom. 5386.

Sellosaurus n. gen. [Dinosauria].

Huene. 5712.

- *fraasi*. Huene. 5712.

- *gracilis*. Huene. 5712.

Stylemys [Testudinidae].

- *capax*. Hay. 5672.

- *conspecta*. Hay. 5672.

Tanytropphaeus [Dinosauria].

- *antiquus*. Huene. 5712.

- *posthumus*. Huene. 5712.

Taphrosphys [Bothremydidae].

- *dares*. Hay. 5672.

Temnotrionyx n. gen. [Trionychidae].

Hay. 5672.

- *manducans*. Hay. 5672.

Teratosaurus [Dinosauria].

- *minor*. Huene. 5712.

- *trossingensis*. Huene. 5712.

Terrapene [Chelonia].

- *longinsulae*. Hay. 5668.

Testudo [Chelonia].

- *beadelli*. Andrews. 5293.

- *campester*. Hay. 5672.

- *emiliae*. Hay. 5672.

- *farri*. Hay. 5672.

- *impensa*. Hay. 5672.

- *isis*. Andrews. 5293.

- *pansa*. Hay. 5672.

- *thomsoni*. Hay. 5672.

- *vaga*. Hay. 5672.

Tetraceratops n. gen. [Pelycosauria].

- *Matthew*. 5871.

- *insignis*. Matthew. 5871.

THECODONTOSAURUS [Dinosauria].
 ——— *hermannianus*. Huene. 5712.
 ——— *latespinatus*. Huene. 5712.
 ——— *primus*. Huene. 5712.
 ——— *subcylindrodon*. Huene.
 5712.

Thescelus n. gen. [Baenidae]. Hay.
 5672.
 ——— *insiliens*. Hay. 5672.
 ——— *rapiens*. Hay. 5672.

TOXOCHELYS [Toxochelyidae].
 ——— *elkader*. Hay. 5672.

TRACHEMYS [Emydidae].
 ——— *jarmani*. Hay. 5672.
 ——— *sculpta*. Hay. 5672.
 ——— *trulla*. Hay. 5672.

TREMATOSAURUS n. gen. [Stegocephalia].
 Broom. 5389.
 ——— *kannemeyeri*. Broom. 5389.

TROCHOSUCHUS n. gen. [Anomodontia].
 Broom. 5384.
 ——— *acutus*. Broom. 5384.

TRINACROMERUM [Polycotylidae].
 ——— *latimanus*. Williston. 6256.

5831 AVES.

AEGLALORNS [Pico-Passeriformeae].
 ——— *teenhardti*. Gaillard. 5604.

AMPHISERPENTARIUS n. gen. [Cathartiformae]. Gaillard. 5604.
 ——— *schlosseri*. Gaillard. 5604.

ARCHAEOTROGON [Pico-Passeriformeae].
 ——— *cayluxensis*. Gaillard. 5604.
 ——— *zitteli*. Gaillard. 5604.

CYPSELAVUS n. gen. [Pico-Passeriformeae]. Gaillard. 5604.
 ——— *gallicus*. Gaillard. 5604.

PALEOCRYPTONYX [Gallinaceae].
 ——— *depereti*. Gaillard. 5604.

PARAORTYX n. gen. [Gallinaceae].
 Gaillard. 5604.
 ——— *brancoi*. Gaillard. 5604.

PELARGOTIS [Ciconiiformeae].
 ——— *stehlini*. Gaillard. 5604.
 ——— *trónessarti*. Gaillard. 5604

PLESIOCATHARTES n. gen. [Cathartiformae]. Gaillard. 5604.
 ——— *europaeus*. Gaillard. 5604.

STRIGOGYPS n. gen.
 Gaillard. 5604.
 ——— *dubius*. Gaillard. 5604.

TOLANUS [Charadriformeae].
 ——— *edwardsi*. Gaillard. 5604.

6031 MAMMALIA.

ACERATHERIUM [Perissodactyla].
 ——— *egregius*. Cook. 5484.
 ——— *stigeri*. Loomis. 5843.

ALITIPPUS n. gen. [Perissodactyla].
 Douglass. 5528.
 ——— *taurus*. Douglass. 5528.

AMINIPPUS subgen. n. nom. [Equidae].
 Granger. 5640.

ANCODON [Artiodactyla].
 ——— *parvus*. Andrews. 5293.

APHELOPS [Perissodactyla].
 ——— *montanus*. Douglass. 5527.

APIDIUM n. gen. [Incertae Sedis].
 Osborn. 5941.
 ——— *phiomensis*. Osborn. 5941.

BIBOS [Artiodactyla].
 ——— *palaesondaicus*. Dubois.
 5547.
 ——— *protocarifrons*. Dubois.
 5547.

BLARINA [Insectivora].
 ——— *brerieauda ozarkensis*. n.
 subsp. Brown. 5395.

BLASTOMERYX [Cervidae].
 ——— *olcotti*. Matthew. 5872.
 ——— *primus*. Matthew. 5872.

BOÖTHERIUM [Artiodactyla].
 ——— *sargenti*. Gidley. 5616.

BRACHYPROTOMA n. gen. [Carnivora].
 Brown. 5395.
 ——— *pristina*. Brown. 5395.
 ——— *spelaea*. Brown. 5395.

BRONTOTHERIUM [Perissodactyla].
 ——— *hatcheri*. Osborn. 5942.

BUBALIS [Artiodactyla].
 ——— *priscus*. Broom. 5390.
 ——— *palaeokerabau*. Dubois.
 5547.

CANIS [Carnivora].
 ——— *peruanus*. Nordenskiöld.
 5926.

CERVUS [Artiodactyla].
 ——— *cretensis*. Simonelli. 6126.
 ——— *kendengensis*. Dubois. 5547.
 ——— *palaeomendjangan*. Dubois.
 5547.

CORIPHAGUS n. gen. [Insectivora ?].
 Douglass. 5530.
 ——— *montanus*. Douglass. 5530.

DELPHINAPTERUS [Cetacea].
 ——— *vermontanus*. Perkins. 5972.

DICERATHERIUM [Rhinocerotidae].
 — *aberrans*. Loomis. 5843.
 — *arikarensis*. Barbour. 5317.
 — *petersoni*. Loomis. 5843.
 — *schiffi*. Loomis. 5843.

DOLICHORHINUS [Perissodactyla].
 — *intermedius*. Osborn. 5942.

ELEPHAS [Mammalia].
 — *hysudrindicus*. Dubois. 5547.

EORIPPUS [Equidae].
 — *borealis*. Granger. 5640.
 — *resartus*. Granger. 5640.

EPIHIPPUS [Equidae].
 — *parvus*. Granger. 5640.

EQUUS [Perissodactyla].
 — *capeensis*. Broom. 5392.
 — *hydruntinus*. Regalia. 6019.

FELIS [Carnivora].
 — *longierus*. Brown. 5395.
 — *microgale*. Dubois. 5547.
 — *oxygnatha*. Dubois. 5547.
 — *trinilensis*. Dubois. 5547.

FIBER [Rodentia].
 — *annectens*. Brown. 5395.

FURCIFER? [Incert. Sed.].
 — *uringei*. Nordenskiöld. 5926.

GAZELLA [Artiodactyla].
 — *daviesii*. Hinton. 5692.

GEOMYS [Rodentia].
 — *parvidens*. Brown. 5395.

HEXAPROTODON [Litopterna].
 — *sivajavanicus*. Dubois. 5547.

HYAENA [Carnivora].
 — *bathygnatha*. Dubois. 5547.

LAMBOOTHERIUM [Perissodactyla].
 — *primaevum*. Loomis. 5842.

LEPTOBOS [Artiodactyla].
 — *dependicornus*. Dubois. 5547.
 — *groeneveldii*. Dubois. 5547.

LEPUS [Rodentia].
 — *giganteus*. Brown. 5395.

LIMNOHYPUS [Perissodactyla].
 — *matthewi*. Osborn. 5942.
 — *monoconus*. Osborn. 5942.
 — *priscus*. Osborn. 5942.

LOPHIODON [Perissodactyla].
 — *thomasi*. Depéret. 5514.

LUTRA [Fissipedia].
 — *palaeoleptonyx*. Dubois. 5547.

LYNX [Carnivora].
 — *compressus*. Brown. 5395.

MANIS [Nomarthra].
 — *lijdeckeri*. Dubois. 5547.
 — *palaeanica*. Dubois. 5547.

MANTEOCERAS [Perissodactyla].
 — *washakiensis*. Osborn. 5942.

MEGOPTERNA n. gen. [Insectivora?].
 — *Douglassi*. 5530.
 — *minuta*. Douglass. 5530.

MEPHITIS [Carnivora].
 — *mephitica newtonensis* n. subsp. Brown. 5395.

MERYCHIPPUS [Perissodactyla].
 — *missouriensis*. Douglass. 5528.

MESATIRHINUS n. gen. [Perissodactyla].
 — *Osborni*. 5942.
 — *petersoni*. Osborn. 5942.

MESOHIPPUS [Perissodactyla].
 — *portentus*. Douglass. 5528.

METAPHIOMYS n. gen. [Rodentia].
 — *Osborni*. 5941.
 — *beadnelli*. Osborn. 5941.

METARHINUS n. gen. [Perissodactyla].
 — *Osborni*. 5942.
 — *earlei*. Osborn. 5942.
 — *fluvialis*. Osborn. 5942.

MICROSOREX [Insectivora].
 — *minutus*. Brown. 5395.

MOROPUS [Ancylopoda].
 — *petersoni*. Holland. 5704.

NEOTOMA [Rodentia].
 — *ozarkensis*. Brown. 5395.

ONOHIPPIDIUM [Perissodactyla].
 — *peruanum*. Nordenskiöld. 5926.

OROHIPPUS [Equidae].
 — *atarus*. Granger. 5640.
 — *progressus*. Granger. 5640.
 — *typicus* n. nom. Granger. 5640.

OVIBOS [Artiodactyla].
 — *yukonensis*. Gidley. 5616.

PALAEOSYOPS [Perissodactyla].
 — *copei*. Osborn. 5942.
 — *grangeri*. Osborn. 5942.
 — *leidyi*. Osborn. 5942.

PALAEOMASTODON [Proboscidia].
 — *barroisi*. Pontier. 5992.

PARAIPPUS [Ungulata].
 — *tyleri*. Loomis. 5844.

PHIOMYS n. gen. [Rodentia]. Osborn. 5941.
 — *andrewsi*. Osborn. 5941.

Picrodus n. gen. [Marsupialia? Incert. Sed.]. Douglass. 5530.
 ——— *silberlingi*. Douglass. 5530.

PRAEOVIBOS [Artiodactyla].
 ——— *praeacus*. Staudinger. 6144.

PROTITANOTHERIUM [Perissodactyla].
 ——— *superbum*. Osborn. 5942.

Prozeuglodon n. gen. [Cetacea].
 Andrews. 5293.

PROZEUGLODON [Cetacea].
 ——— *atrox*. Andrews. 5293.

PTILODUS [Allotheria].
 ——— *montanus*. Douglass. 5530.

Ptolemaia n. gen. [Incertae Sedis].
 Osborn. 5941.
 ——— *lyonsi*. Osborn. 5941.

Ptolemaiidae [Incertae Sedis].
 ——— n. fam. Osborn. 5941.

PUTORIUS [Carnivora].
 ——— *cicognanii angustidens* n.
 subsp. Brown. 5395.
 ——— *gracilis*. Brown. 5395.

REITHRODONTOMYS [Rodentia].
 ——— *simplicidens*. Brown. 5395.

RHAGATHERIUM [Artiodactyla].
 ——— *aegyptiacum*. Andrews.
 5293.

RHINOCEROS [Perissodactyla].
 ——— *kendengindicus*. Dubois.
 5547.
 ——— *sirasondaicus*. Dubois. 5547.

SAGHATHERIUM [Hyracoidea].
 ——— *majus*. Andrews. 5293.

SINOPA [Carnivora].
 ——— *ethiopica*. Andrews. 5293.

Smilodontopsis n. gen. [Carnivora].
 Brown. 5395.
 ——— *conardi*. Brown. 5395.
 ——— *troglodytes*. Brown. 5395.

SOREX [Insectivora].
 ——— *personatus fossidens* n.
 subsp. Brown. 5395.

Sus [Litopterna].
 ——— *brachygynathus*. Dubois. 5547.
 ——— *macrognathus*. Dubois. 5547.

SYMBORODON [Perissodactyla].
 ——— *copii*. Osborn. 5942.

SYMBOS [Rodentia].
 ——— *australis*. Brown. 5395.

TAMIAS [Rodentia].
 ——— *nasutus*. Brown. 5395.

TAPIRUS [Perissodactyla].
 ——— *pandanicus*. Dubois. 5547.

TELMATHERIUM [Perissodactyla].
 ——— *altidens*. Osborn. 5942.
 ——— *ultimum*. Osborn. 5942.

TETRACERUS [Artiodactyla].
 ——— *kroesenii*. Dubois. 5547.

VESPERTILIO [Chiroptera].
 ——— *fusces grandis* n. subsp.
 Brown. 5395.

Zygorhiza n. gen. [Cetacea]. True.
 6195.

PALAEOBOTANY.

A STRATIGRAPHICAL CLASSIFICATION.

38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

38.5000 PALAEOBOTANICA GENERALIS.

Das Pflanzenreich. Regni vegetabilis conspectus. Im Auftrage der kgl. preuss. Akademie der Wissenschaften hrsg. von A[dolf] Engler. H. 33. (IV. 38. III. 11.). H. 34 (IV. 110.). Leipzig (W. Engelmann), 1908, (347, mit 1 Taf.; 39, mit 1 Taf.). 26 cm. 17,60 M. 2,40 M. H. 35 (IV. 278); H. 36 (IV. 111); H. 37 (IV. 23 B). Leipzig (W. Engelmann), 1908, (98, 92, 160). 27 cm. 5 M.; 4,60 M.; 8,40 M.

l EUROPE.

la Iceland.

Braun. 5369. Ueber ein Vorkommen verkieüler Baumstämme an der Ostküste von Island.

df France.

Guilbert. 5650. Forêts immergées de la côte bretonne (baie de Saint-Brieuc).

38.6500 GYMNOSPERMEAE.

Potonié. 5993. Abbildungen und Beschreibungen fossiler Pflanzen-Reste. Lfg 4. 5.

Salfeld. 6057. Ueber *Ginkgo* und ihre augestorbenen Verwandten.

(K 4794)

f AFRICA.

fg South Africa.

Gothan. 5635. Einige von Dr. Lotz in Deutsch-Südwestafrika gesammelte fossile Hölzer.

38.6600 CYCADOFILICES.

Bertrand. 5339. Remarques sur *Taxospermum angulosum*.

38.6700 PTERIDOPHYTA.

Bertrand. 5343. Note sur les affinités des zygoptéridées.

Kidston & Gwynne-Vaughan. 5757. Fossil Osmundaceae. II.

39 GENERAL.

39.5000 PALAEOBOTANICA GENERALIS.

Die natürlichen Pflanzenfamilien nbst ihren Gattungen und wichtigeren Arten, insbesondere den Nutzpflanzen . . . begr. v. A[dolf] Engler u. K[arl] Prantl, fortges. v. A[dolf] Engler. Lfg 229, 231-233 (Tl. 1, Abt. 3, Bogen 61-72); Lfg 230 (Tl. 1, Abt. 1, Bogen 13-16 Schluss.). Leipzig (W. Engelmann), 1907-1908. 26 cm. Die Lfg zu 3 Bogen 1,50 M.

Diels. 5517. Pflanzengeographie. Leipzig, 1908.

Hollick. 5706. The museum collection of fossil plants.

Nathorst. 5915.

Zeiller. 6300. Revue des travaux de paléontologie végétale publiés dans le cours des années 1901-1906.

ii **EUROPE.**

df **France.**

Lauby. 5800. Découverte de plantes fossiles dans les terrains volcaniques de l'Aubrac.

g **NORTH AMERICA.**

ga **Alaska and Aleutian Islands.**

Martin. 5863. Geology and mineral resources of the Controller Bay region, Alaska.

gg **North Eastern United States.**

Hollick. 5705. Drift boulders from the shore at Tottenville.

gi **Western United States.**

Rowley. 6052. The geology of Pike county.

39.6500 GYMNOSPERMEA.

Seward & Ford. 6105. The *Araucariaeac*, recent and extinct.

Wieland. 6247. American fossil cycads.

— 6248. Historic fossil cycads.

39.6600 CYCADOFILICES.

Bertrand. 5337. Les caractéristiques du genre *Taxospermum*.

— 5338. Les caractéristiques du genre *Leptocaryon* de Brongniart.

— 5340. Les caractéristiques du *Cycadinoecarpus angustodunensis*.

39.6700 PTERIDOPHYTA.

Arber. 5298. Past history of the ferns.

Bertrand. 5341. Caractéristiques de la trace foliaire dans les genres *Gyropteris* et *Tubicaulis*.

— 5342. Sur les stipes de *Clepsydropsis*.

Fritel et Viguier. 5600. Tubercules et tiges fossiles d'*Equisetum*.

Jeffrey. 5737. Are there foliar gaps in the Lycopsidea?

Lignier. 5824. Sur l'origine des sphénophyllées.

Pelourde. 5962. Sur un nouveau type de pétiole de fougère fossile.

— 5964. Recherches sur la position systématique des plantes fossiles appelées *Psaronius*, *Psaroniocalon*, *Caulopteris*.

Rénier. 6026. Origine raméale des cicatrices ulodendroïdes du *Bothroden-dron punctatum*.

Zeiller. 6299. Observations sur le *Lepidostrobus brownii* Brongniart.

39.7400 ALGAE ET SCHIZOPHYCEAE.

ii **EUROPE.**

df **France.**

Héribrand. 5679. Les Diatomées fossiles d'Auvergne, 3^e Mémoire. Paris, 1908.

g **NORTH AMERICA.**

gi **Western United States.**

Arnold & Anderson. 5311. Geology and oil resources of the Santa Maria oil district, Santa Barbara county, California.

45 PALAEOZOIC (GENERAL).

45.5000 PALAEOBOTANICA GENERALIS.

Scott. 6093. The present position of Paleozoic botany.

45.6500 GYMNOSPERMEA.

Seward. 6102. Cycads: with exhibition of a rare species (*Cycas micholitzii*) acquired by the Botanic Garden [Cambridge].

50 LOWER PALAEOZOIC.

50.6600 CYCADOFILICES (PTERIDOSPERMEA).

Kidston. 5754. Microsporangia of the Pteridosperms. [*Lyginodendron* and *Sphenopteris*.]

50.7400 ALGAE ET SCHIZOPHYCEAE.

Rothpletz. 6050. Algen und Hydrozoen im Silur von Gotland und Oesel.

55 UPPER PALAEZOIC.

55.5000 PALAEOBOTANICA
GENERALIS.

d EUROPE.

dbb Southern Russia.

Zalésskij. 6294. Contributions à la flore fossile du terrain houiller du Donetz. I. Plantes fossiles de la collection de V. Domherr. II. Plantes fossiles de l'institut géologique de l'Université Impériale de Kharkow et du Musée du Don à Novotscherkassk. (Russe.)

——— 6295. La présence de *Mixoneura neuropterooides* Göppert avec *Neuropteris scheuchzeri* Hoffmann et *Neuropteris rarineris* Bumbury dans le terrain houiller supérieur du Donetz. (Russe.)

de German Empire.

Ottermann. 5947. Die Ausbildung des Leithözes Mansegatt in der Wittener Hauptmulde.

dl Belgium.

Renier. 6027. La faune et la flore du terrain houiller inférieur de Baudour Hainaut).

df France.

Bertrand. 5344. Végétaux houillers de Bruay.

Carpentier. 5419. Remarques sur la flore du houiller de Crespin.

f AFRICA.

fg South Africa.

Seward. 6104. A collection of permocarboniferous plants from St. Lucia (Somkele) Coalfield, Zululand, and from the Newcastle district, Natal.

g NORTH AMERICA.

gi Western United States.

White. 6243. Fossil plants from the Coal Measures of Arkansas.

e CENTRAL AND SOUTH AMERICA.

hg Bolivia.

Knod. 5768. Devonische Faunen Boliviens.

55.6500 GYMNOSPERMEEAE.

d EUROPE.

de German Empire.

Schuster. 6086. Kieselhölzer der Steinkohlenformation und des Rotliegenden aus der bayerischen Rheinpfalz.

——— 6087. Flora der Saarbrücker Schichten und des pfälzischen Oberrotliegenden.

df France.

Zeiller. Etude sur la flore fossile du bassin houiller et permien de Blanzy et du Creusot. Etudes des gîtes minéraux de la France. Paris, 1906.

i AUSTRALASIA.

Arber. Catalogue of the fossil plants of the *Glossopteris*-flora in the department of geology, British Museum (Natural History). London, 1905.

55.6600 CYACODILICES (PTERIDOSPERMEEAE).

Kidston. 5751. Microsporangia of the Pteridosperms. [*Igyniodendron* and *Sphenopteris*.]

Nathorst. 5913. The oldest seed-plants. (Swedish.)

Potonié. 5998. Abbildungen und Beschreibungen fossiler Pflanzen-Reste der palaeozoischen und mesozoischen Formationen. Taf. 3.

Zeiller. Etude sur la flore fossile du bassin houiller et permien de Blanzy et du Creusot. Etudes des gîtes minéraux de la France. Paris, 1906.

d EUROPE.

dbb Southern Russia.

Zaléssky. 6293. Vorkommen von *Mixoneura neuropterooides* Goeppert sp. in den obercarbonischen Ablagerungen des Donezbeckens.

df France.

Carpentier. 5418. Quelques inflorescences de *Crossotheca* trouvées dans le bassin houiller du Nord.

dk Austria-Hungary.

Kubart. 5781. Pflanzenversteinungen enthaltende Knollen aus dem Ostrau-Karwiner Kohlenbecken.

g NORTH AMERICA.

gf United States as a whole.

White. 6240. The American range of the Cycadofilices.

gg North Eastern United States.

Peola. 5969. Impronte vegetali del carbonifero dello Illinois (Stati Uniti di America).

55.6700 PTERIDOPHYTA.

Douvillé et Zeiller. 5541. Le terrain houiller du Sud oranaïs.

Potonié. 5998. Abbildungen und Beschreibungen fossiler Pflanzen-Reste der palaeozoischen und mesozoischen Formationen.

Scott. 6091. The structure and affinities of fossil plants from the Palaeozoic Rocks. V. A new type of Sphenophyllaceous Cone (*Sphenophyllum fertile*) from the lower coal-measures.

d EUROPE.

dbb Southern Russia.

Zalésskij. 6296. Végétaux fossiles du terrain carbonifère du bassin du Donetz. II. Etude sur la structure anatomique d'un *Lepidostrobus*. (Russe.)

de German Empire.

Schuster. 6087. Flora der Saarbrücker Schichten und des pfälzischen Oberrotliegenden.

de British Isles.

Kidston. 5755. The fossil plants of the carboniferous rocks of Canonbie (Dumfriesshire) and of parts of Cumberland and Northumberland.

——— 5756. A new species of *Dineuron* and of *Botryopteris* from Pettycur, Fife.

Stopes. 6171. A new fern from the coal measures: *Tubicaulis sutelifii*, n. sp.

df France.

Zeiller. Etude sur la flore fossile du bassin houiller et permien de Blanzy et du Creusot. Études des gîtes minéraux de la France. Paris, 1906.

ASIA.

eb China and Dependencies.

Yokoyama. 6292. Palaeozoic plants from China.

f AFRICA.

fh Madagascar.

Boule. 5357. L'existence d'une faune et d'une flore permianes à Madagascar.

g NORTH AMERICA.

gg North Eastern United States.

White. 6241. A remarkable fossil tree trunk from the Middle Devonian of New York.

i AUSTRALASIA.

ie New South Wales.

Arber. Catalogue of the fossil plants of the *Glossopteris* flora in the Department of Geology, British Museum (Natural History). London, 1905.

55.7000 MUSCI ET HEPATICAE.

e ASIA.

eb China and Dependencies.

Yokoyama. 6292. Palaeozoic plants from China.

55.7400 ALGAE ET SCHIZOPHYCEAE.

g NORTH AMERICA.

gg North Eastern United States.

Penhallow. 5968. Some fossil plants from the Middle Devonian of Milwaukee, Wisconsin.

55.7700 FUNGI, BACTERIA ET MYCETOZOA.

Schuster. 6087. Flora der Saarbrücker Schichten und des pfälzischen Oberrotliegenden.

55.7900 INCERTAE SEDIS.

Scott & Maslen. 6094. The structure of *Trigonocarpus olivaceiforme*.

Watson. 6232. A 'Fern' Synangium from the lower coal-measures of Shore (Lancashire). [*Cyathotrichus*.]

60 MESOZOIC (GENERAL).

60.5000 PALAEOBOTANICA
GENERALIS.

e ASIA.

eb China and Dependencies.

White. 6242. Age of the plant beds in the K'ui-Chou basin.**Willis, Blackwelder & Sargent.** 6252. Research in China. Vol. 1, Part 1. Descriptive topography and geology.

60.5400 DICOTYLEDONES.

o ANTARCTIC.

ob Islands south of South
Atlantic.**Gothan.** 5637. Die fossilen Hölzer von der Seymour- und Snow Hill-Insel.

60.6500 GYMNOSPERMEA.

Nathorst. 5916. Paläobotanische Mitt. 7.

d EUROPE.

da Sweden.

Nathorst. 5915. Paläobotanische Mitteilungen. 6. [*Antholithus zeilleri* n. sp. mit noch erhaltenen Pollenkörnern aus den rhätischen Ablagerungen Schonens.]

o ANTARCTIC.

ob Islands south of Atlantic.

Gothan. 5637. Die fossilen Hölzer von der Seymour- und Snow Hill-Insel.60.6600 CYCADOFILICES
(PTERIDOSPERMEA.)**Nathorst.** 5914. Paläobotanische Mitteilungen. 3. [*Lycostrobus scotti*, eine grosse Sporophyllähre aus den rhätischen Ablagerungen Schonens.]

60.6700 PTERIDOPHYTA.

d EUROPE.

da Sweden.

Halle. 5656. Zur Kenntnis der mesozoischen Equisetales Schwedens.

65 TRIASSIC.

65.5000 PALAEOBOTANICA
GENERALIS.**Huene.** 5716. Eine Zusammenstellung über die englische Trias und das Alter ihrer Fossilien.**Lomas et alii.** 5839. Report on the investigation of the fauna and flora of the trias of the British Isles.

65.7000 MUSCI ET HEPATICAE.

e ASIA.

ec Japanese Islands.

Yabe. 6291. The genus *Gigantopteris* in Korea.65.7900 PLANTAE INCERTAE
SEDIS.

d EUROPE.

de German Empire.

Kalkowsky. 5747. Oolith und Stromatolith im norddeutschen Buntsandstein.

70 JURASSIC.

70.5000 PALAEOBOTANICA
GENERALIS.**Gothan.** 5636. Frage der Klimazonenbildung im Jura und in der Kreide. B. Beleuchtung der Frage auf Grund der pflanzlichen Reste.

d EUROPE.

dbd Caucasus.

Seward. 6103. Jurassic plants from Caucasia and Turkestan. (Russ. and English.)

e ASIA.

eac Central Asiatic Russia.

Seward. 6103. Jurassic plants from Caucasia and Turkestan. (Russ. and Engl.)

g NORTH AMERICA.

gi Western United States.

Diller. 5521. Strata containing the Jurassic flora of Oregon.

70.6000 MONOCOTYLEDONES.

Lignier. 5825. Nouvelles recherches sur le *Propalmophyllum liasinum* Lignier.

70.6500 GYMNOSPERMEAE.

e ASIA.

eg Malay Peninsula.

Newton. 5922. Fossils from Singapore discovered by John B. Scrivenor, Geologist to the Federated Malay States.

70.6700 PTERIDOPHYTA.

Fliche. 5581. Sur une fructification du Lycopodinée trouvée dans le Trias.

Salfeld. 6056. Ein neues fossiles Farnkraut aus dem Solnhofer lithographischen Schiefer.

eb CHINA.

Yabe. 6289. Jurassic plants from T'ao-chia-T'un, China.

70.7000 MUSCI ET HEPATICAE.

e ASIA.

eb China.

Yabe. 6289. Jurassic plants from T'ao-chia-T'un, China.

70.7400 ALGAE ET SCHIZOPHYCEAE.

Fliche. 5580. Sur une algue fossile du sinémurien.

d EUROPE.

dh Italy.

Clerici. 5459. Ricerche microscopiche su calcaria liasici di Tivoli.

75 CRETACEOUS.

75.5000 PALAEOBOTANICA GENERALIS.

Gothan. 5636. Frage der Klimazonenbildung im Jura und in der Kreide. B. Beleuchtung der Frage auf Grund der pflanzlichen Reste.

g NORTH AMERICA.

gg North Eastern United States.

Berry. 5332. Flora of the Cliffwood clays.

75.5400 DICOTYLEDONES.

Nowak. 5929. Sur la flore fossile senonienne de Potylicz. (Polish.)

Oliveira Pinto. 5932. Un cas remarquable de silification.

a THE EARTH AS A WHOLE.

Gombocz. 5626. Monographia generis *Populi*. (Hungarice.)

g NORTH AMERICA.

gg North Eastern United States.

Berry. 5332. Flora of the Cliffwood clays.

gh South Eastern United States.

Berry. 5335. A new Cretaceous *Bauhinia*.

gi Western United States.

Woodruff. 6272A. The geology of Cass county, Nebraska. [Physiography, Topography, Natural divisions, Drainage, Stratigraphy, Mineral resources, Water resources, Climate, Paleontology.]

75.6500 GYMNOSPERMEAE.

d EUROPE.

dk Austria-Hungary.

Menzel. 5879. Fossile Koniferen aus der Kreide- und Braunkohlenformation Nordböhmens.

g NORTH AMERICA.

gg North Eastern United States.

Berry. 5332. Flora of the Cliffwood clays.

————— 5334. Araucarian remains from the Atlantic coastal plain.

Jeffrey. 5736. *Araucariopitys*, a new genus of Araucarians.

gh South Eastern United States.

Berry. 5333. A mid-Cretaceous species of *Torreya*.

————— 5334. Some araucarian remains from the Atlantic coastal plain.

gi Western United States.

Udden. 6199. A cycad from the Upper Cretaceous in Maverick county, Texas.

75.6700 PTERIDOPHYTA.

gg North Eastern United States.

Berry. 5332. Flora of the Cliffwood clays.

b ARCTIC.

kb Greenland.

Nathorst. 5915. Paläobotanische Mitteilungen. 5. [Über *Nathorstia* Heer.]

75.7400 ALGAE ET SCHIZOPHYCEAE.

g NORTH AMERICA.

gi Western United States.

Henderson. 5671. The sandstone of Fossil ridge in northern Colorado and its fauna.

h CENTRAL AND SOUTH AMERICA.

hl Tierra del Fuego.

Steinmann. 6156. Das Alter der Schieferformation im Fenerlande.

80 CAENOZOIC.

80.5000 PALAEOBOTANICA GENERALIS.

Gothan. 5634. Einiges über die Flora des Tertiärs und damit Zusammenhängendes.

d EUROPE.

de German Empire.

Jentzsch. 5739. Das Alter der Sämländischen Braunkohlenformation und der Senftenberger Tertiärfloren.

dk Austria-Hungary.

Pax. 5957. Tertiärpflanzen aus Siebenbürgen.

Grundzuge der Pflanzenverbreitung in den Karpathen. Bd II. (Die Vegetation der Erde, hrsg. v. A[dolf] Engler und O[skar] Drude. X.

80.5400 DICOTYLEDONES.

Adamovič. 5277. Die Bedeutung des Vorkommens der Salbei in Serbien.

Pax. 5958. Die Tertiärfloren des Zsiltales.

Platen. Untersuchungen fossiler Hölzer aus dem Westen der Vereinigten Staaten von Nordamerika. Diss. Leipzig, [1907].

dk Austria-Hungary.

Pax. 5956. *Bambusium sepultum* Andrä.

80.6500 GYMNOSPERMEAE.

Platen. Untersuchungen fossiler Hölzer aus dem Westen der Vereinigten Staaten von Nordamerika. Diss. Leipzig, [1907].

de German Empire.

Lingelsheim. 5830. Braunkohlenhölzer von Saarau.

dk Austria-Hungary.

Menzel. 5879. Fossile Koniferen aus der Kreide- und Braunkohlenformation Nordböhmens.

80.7700 FUNGI, BACTERIA ET MYCETOZOA.

Platen. Untersuchungen fossiler Hölzer aus dem Westen der Vereinigten Staaten von Nordamerika. Diss. Leipzig, [1907].

85 LOWER CAENOZOIC EOCENE, OLIGOCENE.

85.5000 PALAEOBOTANICA GENERALIS.

d EUROPE.

dbb Southern Russia.

Palibin. 5950. Ueber palaeophytologische Untersuchungen im südostlichen Russland in den Jahren 1901-1905. (Russ.)

dbe Central Russia.

Palibin. 5950. Ueber palaeophytologische Untersuchungen im südöstlichen Russland in den Jahren 1901-1905. (Russ.)

dl Balkan Peninsula.

Pax. 5958. Die Tertiärfloren des Zsiltales.

85.5400 DICOTYLEDONES.

Schuster. 6085. Ueber ein fossiles Holz aus dem Flysch des Tegernseer Gebietes.

Viguier. 6213. L'organisation et la position systématique du genre *Sezannella*.

a THE EARTH AS A WHOLE.

Gombocz. 5626. Monographia generis *Populi*. (Hungarice.)

d EUROPE.

df France.

Combes. 5482. Contribution à l'étude de la flore éocène. Sur un bois fossile nouveau appartenant à l'étage sparnaciens.

Fritel. 5597. Sur la présence des genres *Salvinia*, *Nymphaea* et *Pontederia* dans les argiles sparnaciennes du Montois.

— 5599. Revision des Myriacées fossiles du grès de Bellen.

dh Italy.

Falqui. Su alcune piante fossili del Miocene inferiore (Oligocene) di Zusi (Sardegna). Cagliari, 1907.

o ANTARCTIC.

ob Seymour Island.

Dusén. Über die tertiäre Flora der Seymour-Insel.

85 6000 MONOCOTYLEDONES.

d EUROPE.

de German Empire.

Schütze. 6081. Alttertiäre Land- und Süßwasserfossilien aus dem Ries.

85 6500 GYMNOSPERMEA.

Combes. 5481. Sur un néotype de *Pinus (Pseudostrbus) defrancei* du Lutétien du Trocadéro (Paris).

Dahms. 5498. Mineralogische Untersuchungen über Bernstein. IX. Über Rumanit und Succinit.

o ANTARCTIC.

ob Seymour Island.

Dusén. 5550. Über die tertiäre Flora der Seymour-Insel.

85.6700 PTERIDOPHYTA.

ob Seymour Island.

Dusén. 5550. Über die tertiäre Flora der Seymour Insel.

85.7000 MUSCI ET HEPATICAE.

g NORTH AMERICA.

gi Western United States.

Knowlton. 5769. New fossil liverwort from the Fort Union beds of Montana.

85.7400 ALGAE ET SCHIZOPHYCEAE.

d EUROPE.

dc German Empire.

Spandel. 6137. Der Rupelton des Mainzer Beckens, seine Abteilungen und deren Foraminiferenfauna, sowie einige weitere geologisch-paläontologische Mitteilungen über das Mainzer Becken.

df France.

Morellet. 5906. Découverte d'algues siphonées dans le Thanétien de Boncourt.

90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

90.5000 PALAEBOTANICA GENERALIS.

d EUROPE.

df France.

Marty. 5867. Sur la flore fossile de Lugarde (Cantal).

g NORTH AMERICA.

99 North Eastern United States.

Jeffrey & Chrysler. 5738. The lignites of Brandon.

Perkins. 5970. The lignite or brown coal of Brandon. 2.

— 5971. Fossils of the lignite.

gi Western United States

Cockerell. 5465. Tertiary plants.

— 5466. Results of the Florissant expedition of 1908.

— 5472. The fossil flora of Florissant, Colorado.

90.5400 DICOTYLEDONES.

Engelhardt u. Kinkel. 5564. I. Oberpliocäne Flora und Fauna des Untermaintales, insbesondere des Frank-

further Klärbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

Raciborski. 6009. Über eine fossile *Pangium*-art aus dem Miozän Javas. (Polish.)

a THE EARTH AS A WHOLE.

Gombocz. 5826. Monographia *Populi* generis. (Hungarice.)

gg North Eastern United States.

Perkins. 5971. Fossils of the lignite.

gi Western United States.

Cockerell. 5465. Tertiary plants.
——— 5466. Results of the Florissant expedition of 1908.
——— 5472. The fossil flora of Florissant, Colorado.

90.6000 MONOCOTYLEDONES.

Engelhardt u. Kinkelin. 5564. I. Oberpliocäne Flora und Fauna des Untermaintales, insbesondere des Frankfurter Klärbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

gi Western United States.

Cockerell. 5465. Tertiary plants.
——— 5472. The fossil flora of Florissant, Colorado.

90.6500 GYMNOSPERMEAE.

Engelhardt u. Kinkelin. 5564. I. Oberpliocäne Flora und Fauna des Untermaintales, insbesondere des Frankfurter Klärbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

Koehne. 5770. Vorweltliche und lebende Taxodien.

Rein. 6023. Ueber eine riesige Sumpfcypresse aus der rheinischen Braunkohle.

dh Italy.

Cavara. 5426. Avanzi di tronchi di abete bianco nello alto Appennino emiliano.

Pampaloni. 5951. Sopra alcune impronte di Pini fossili raccolte dal signor Antonio Biondi a Castelfari presso Montajone (Prov. di Firenze).

g NORTH AMERICA.

gh South Eastern United States

Berry. 5336. A Miocene cypress swamp.

gi Western United States.

Cockerell. 5465. Tertiary plants.

——— 5472. The fossil flora of Florissant, Colorado.

90.6700 PTERIDOPHYTA.

gi Western United States.

Cockerell. 5472. The fossil flora of Florissant, Colorado.

90.7300 CHARACEAE.

gi Western United States.

Cockerell. 5472. The fossil flora of Florissant, Colorado.

90.7400 ALGAE ET SCHIZOPHYCEAE.

Engelhardt u. Kinkelin. 5564. I. Oberpliocäne Flora und Fauna des Untermaintales, insbesondere des Frankfurter Klärbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

90.7700 FUNGI, BACTERIA ET MYCETOZOA.

Engelhardt u. Kinkelin. 5564. I. Oberpliocäne Flora und Fauna des Untermaintales, insbesondere des Frankfurter Klärbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

gi Western United States.

Cockerell. 5465. Tertiary plants.
——— 5472. The fossil flora of Florissant, Colorado.

90.7900 PLANTAE INCERTAE SEDIS.

d EUROPE.

dd Belgium.

Reid & Reid. 6022. The fossil flora of Tegelen-sur-Meuse near Venloo, in the province of Limburg.

g NORTH AMERICA.

fg North Eastern United States.

Perkins. 5971. Fossils of the lignite.

95 PLEISTOCENE AND RECENT.

95.5000 PALAEOBOTANICA GENERALIS.

Goebel. 5624. Ueber ein neuentdecktes Torflager bei Hamburg.

Wieggers. 6246. Neue Funde paläolithischer Artefakte. 2. Aus dem Diluvium am Grossen Fallstein.

d EUROPE.

da Scandinavia.

Schulz. 6083. Entwicklungsgeschichte der gegenwärtigen phanerogamen Flora und Pflanzendecke Skandinaviens.

dba Northern Russia.

Lindberg. 5826. Verzeichnis der in den Sumpfen und Mooren Finlands gefundenen subfossilen Pflanzen. (Schwedisch.)

— Botanische Untersuchung von Torfgebieten in den Kirchspielen Lappo und Ilmola, Finland. (Schwedisch.)

de German Empire.

Schucht. 6080. Die interglazialen Ablagerungen von Godenstedt bei Zeven.

Schulz. 6084. Die Entwicklungsgeschichte der recenten Moore Norddeutschlands.

Stoller. 6165. Die diluviale Flora (besonders Phanerogamen) Norddeutschlands. I. Motzen, Werlte, Ohlsdorf-Hamburg.

Wangerin. 6227. Die postglaziale Pflanzengeographie und die Frage nach der Heimat der Indogermanen.

Weber. 6234. Die Moostorfsschichten im Steilufer der Kurischen Nebrung zwischen Sarkan und Cranz.

Wollemann. 6270. Die Fossilien der Kalktuffe des Elms und Lappwaldes.

dd Holland.

Baren. 5318. Vom Alter der fossilen Flora von Tegelen. (Holländisch.)

dk Austria-Hungary.

Pax. Grundzüge der Pflanzenverbreitung in den Karpathen. Bd II. (Die Vegetation der Erde, hrsg. v. A[dolf] Engler und O[skar] Drude. X.)

g NORTH AMERICA.

gg North Eastern United States.

Sears. 6095. A southern flora and fauna of Post-Pleistocene age in Essex county, Massachusetts.

95.5400 DICOTYLEDONES.

Sukatscheff. 6177. Vorkommen der Samen von *Euryale ferox* Salisb. in einer interglazialen Ablagerung in Russland.

a The Earth as a whole.

Gombocz. 5626. Monographia generis *Populi*. (Hungarice.)

d EUROPE.

Stoller. 6164. Die Zeit des Aussterbens der *Brasenia purpurea* Michx. in Europa, speziell Mitteleuropa.

de German Empire.

Wollemann. 6269. Fossile Pflanzen aus dem diluvialen Kalktuff des Fallsteins.

95.6000 MONOCOTYLEDONES.

dba Northern Russia.

Lindberg. 5829. Botanische Mitteilungen. (Schwedisch.)

95.6500 GYMNOSPERMEE.

Engelhardt u. Kinkel. 5564. I. Oberpliocäne Flora und Fauna des Untermaintales, insbesondere des Frankfurter Klarbeckens. II. Unterdiluviale Flora von Hainstadt a. M.

d EUROPE.

de German Empire.

Brakenhoff. 5364. Der untergegangene Eichenhorst zu Thorstermoor.

95.7000 MUSCI ET HEPATICAE.

Lewis. 5822. The plant remains in the Scottish peat mosses. Part II. The Scottish Highlands.

Lewis. 5823. The history of the Scottish peat mosses and their relation to the glacial period.

Weber. 6234. Die Moostorfsschichten im Steilufer der Kurischen Nehrung zwischen Sarkau und Cranz.

————— 6234a. *Hypnum turgescens* Schimp. nicht auf der Kurischen Nehrung fossil.

95.7400 ALGAE ET SCHIZOPHYCEAE.

Lönnberg. 5834. Some finds in *Litorina*-clay in Norrköping 1907. Diatoms determ. by Askid Euler. (Swedish.)

Łoziński. 5847. Die diluviale Seenbildung im nordgalizischen Tieflande.

dc German Empire.

Hess von Wichdorff. 5686. Die alluvialen Kalklager in den Mooren Preussens, insbesondere die grossen Moorkalklager bei Daber Pommern.

dh Italy.

Clerici. 5458. Diatomee della farina calcarea raccolta presso il lago di Avigliana.

————— 5460. Analisi microscopica del calcare farinoso di S. Demetrio nei Vestini.

i AUSTRALASIA.

ib Bismarck Archipelago.

Chapman & Mawson. 5439. The importance of *Halimeda* as a reef-forming organism; with a description of the *Halimeda*-limestones of the New Hebrides.

PALAEOBOTANY.

B. BOTANICAL CLASSIFICATION.

5000 PALAEOBOTANICA
GENERALIS.

5000.55 UPPER PALAEozoic.

d EUROPE.

de British Isles.

Ward. 6229. Contributions to the geology and palaeontology of North Staffordshire; Palaeontology of the Cheadle coalfield.

5400 DICOTYLEDONES.

5400.39 GENERAL.

Reiss. Über fossile Holzer aus Japan. Diss. Leipzig, 1907.

SPECIAL.

Alnoxylon jezoense n. sp. Japan.
Reiss. 6025.

5400.60 MESOZOIC (GENERAL).

Laurinoxylon uniseriatum n. sp. Seymour- und Snow Hill-Insel. Gothan. 5636.

Northofagoxylon scalariforme n. gen. et sp. Seymour- und Snow Hill-Insel. Gothan. 5637.

5400.75 CRETACEOUS.

Banhinia marylandica n. sp. S. E. United States. Berry. 5336.

Liriiodendron morganensis n. sp. New Jersey. Berry. 5332.

Paliurus populifolius n. sp. New Jersey. Berry. 5332.

Platanus kummelii n. sp. New Jersey. Berry. 5332.

Populus. Gombocz. 5626.

Santalum novae-caesareae n. sp. New Jersey. Berry. 5332.

Sterculia minima n. sp. New Jersey. Berry. 5332.

5400.80 CAENOZOIC (TERTIARY) (GENERAL).

Alnus staubii n. sp. Balkan Peninsula. Pax. 5958.

Anacardioxylon magniporosum n. sp. W. United States. Platen. 5986.

Aralinium n. gen. et spp. W. United States. Platen. 5986.

Bambusium sepultum. Austria. Pax. 5956.

Carpinoxylon pfefferi n. sp. W. United States. Platen. 5986.

Cercidioxylon (\sim *Cercis*) *zirkeli* n. gen. et sp. W. United States. Platen. 5986.

Ebenoxylon nn. spp. W. United States. Platen. 5986.

Felixia latiradata n. gen. et sp. W. United States. Platen. 5986.

Ficoxylon helictoxyloides n. sp. W. United States. Platen. 5986.

Perseoxylon nn. spp. W. United States. Platen. 5986.

Plataninium nn. spp. W. United States. Platen. 5986.

Pruninium gummosum n. gen. et sp. W. United States. Platen. 5986.

Quercinium nn. spp. W. United States. Platen. 5986.

Salvia. Adamovic. 5277.
Simarubinium n. gen. et spp. W. United States. Platen. 5986.
Ulmoxylon simrothi n. sp. W. United States. Platen. 5986.

5400.85 LOWER CAENOZOIC (EOCENE OLIGOCENE).

Aulacoxylon sparnacense. France. Combes. 5482.

Caldcluvia mirabilis n. sp. Seymour-Insel. Dusén. 5550.

Drimys antarctica n. sp. Seymour-Insel. Dusén. 5550.

Erythrinoxylon. Sardegna, Oligocene. Falqui. 5572.

Fagus obscura n. sp. Dusén. 5550.

Knightia andreae n. sp. Seymour-Insel. Dusén. 5550.

Laurelia insularis n. sp. Seymour-Insel. Dusén. 5550.

Lauriphyllum nordenskjöldii n. sp. Seymour-Insel. Dusén. 5550.

Lomatia nn. spp. Seymour-Insel. Dusén. 5550.

Miconiiphyllum australe n. sp. Seymour-Insel. Dusén. 5550.

Mollinedia seymourensis n. sp. Dusén. 5550.

Myriaceae. France. Fritel. 5599.

Myrica nordenskjöldii n. sp. Dusén. 5550.

Northofagus pulchra n. sp. Seymour-Insel. Dusén. 5550.

Nymphaea. France. Fritel. 5597.

Ocoteoxylon tigurinum n. sp. Bavaria. Schuster. 6085.

Populus. Gombocz. 5626.

Robinioxylon. Sardegna, Oligocene. Falqui. 5572.

5400.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Acer nn. spp. Cockerell. 5465.

Acerates n. sp. Cockerell. 5466.

Ailanthus americana n. sp. W. United States, Miocene. Cockerell. 5465.

Alnus praecordata n. nom. Cockerell. 5472.

Amelanchier peritula n. sp. Cockerell. 5472.

Andromeda scudleriana n. nom. Cockerell. 5472.

Anona spoliata n. sp. W. United States, Miocene. Cockerell. 5465.

Aristolochia mortua n. sp. Cockerell. 5472.

— *pliocaenica* n. sp. Germany. Engelhardt u. Kinkel. 5564.

Aster florissantia n. sp. Cockerell. 5472.

Bicarpellites nn. spp. Perkins. 5971.

Brasenia pliocaenica n. sp. Germany. Englehardt u. Kinkel. 5564.

Buettneria (?) *perplexans* n. sp. Cockerell. 5472.

Castanea dolichophylla n. sp. Cockerell. 5472.

Cicer inflatum n. sp. Germany. Engelhardt u. Kinkel. 5564.

Crataegus newberryi n. nom. Cockerell. 5472.

Diospyros princetonia n. sp. Cockerell. 5472.

Elaeodendroxyton n. gen. et sp. W. United States. Platen. 5986.

Fagara (?) *delicatula* n. sp. Cockerell. 5472.

Ficus nn. spp. et nom. Cockerell. 5472.

Fraxinus palaeophila n. sp. Cockerell. 5472.

Heracleites möbiusi n. sp. Germany. Engelhardt u. Kinkel. 5564.

Hicoria princetonia n. nom. Cockerell. 5472.

Hicoroides levis n. sp. Perkins. 5971.

Hydrangea florissantia n. sp. Cockerell. 5465.

— (?) *subincerta* n. sp. Cockerell. 5472.

Juglans leonis n. nom. W. United States, Miocene. Cockerell. 5465.

Juglans (?) *sepultus* n. sp. Cockerell. 5472.

Lescuria attenuata n. gen. et sp. Perkins. 5971.

Leucaena coloradensis n. sp. Cockerell. 5472.

Liquidambar convexum n. sp. **Cockerell.** 5472.

Melia (?) expulsa n. sp. **Cockerell.** 5472.

Melothria (?) coloradensis n. sp. **Cockerell.** 5472.

Menyanthes coloradensis n. sp. W. United States, Miocene. **Cockerell.** 5465.

Mimulus saxorum n. sp. **Cockerell.** 5472.

Monocarpellites nn. spp. **Perkins.** 5971.

Morus symmetrica n. sp. **Cockerell.** 5472.

Myrica wolffii n. sp. Germany. **Engelhardt u. Kinkelin.** 5564.

Myrsine laminarum n. nom. **Cockerell.** 5472.

Nyssa nn. spp. **Perkins.** 5971.

Odostemon florissantensis n. sp. **Cockerell.** 5472.

Oxypolis destructus n. sp. **Cockerell.** 5472.

Pachistima (?) integra n. sp. **Cockerell.** 5472.

Paliurus haydeni n. nom. **Cockerell.** 5472.

Panax andrewsii n. sp. **Cockerell.** 5465.

Pangium. Java. **Raciborski.** 6009.

Parthenocissus osbornii n. sp. **Cockerell.** 5472.

Persea coloradica n. sp. **Cockerell.** 5472.

Phaca wilmattae. **Cockerell.** 5465.

Philadelphus palaeophilus n. sp. **Cockerell.** 5472.

Planera myricaeifolia n. comb. **Cockerell.** 5472.

Polygonum minimum n. sp. Germany. **Engelhardt u. Kinkelin.** 5564.

Populus. Gombocz. 5626.

Populus nn. comb. et sp. **Cockerell.** 5472.

Prunoides inaequalis. **Perkins.** 5971.

Prunus askenasyi n. sp. Germany. **Engelhardt u. Kinkelin.** 5564.

Ptelea modesta n. sp. (?) **Cockerell.** 5472.

Quercus nn. spp. **Cockerell.** 5472.

— *knoultoniana* n. sp. W. United States, Miocene. **Cockerell.** 5465.

Rhamnus florissantensis n. nom. **Cockerell.** 5472.

Rhus mensae n. nom. W. United States, Miocene. **Cockerell.** 5465.

Ribes protomelaenum n. sp. **Cockerell.** 5472.

Robinia brittoni n. sp. W. United States, Miocene. **Cockerell.** 5465.

Rosa ruskiniana n. sp. W. United States, Miocene. **Cockerell.** 5465.

— *wilmattae* n. sp. **Cockerell.** 5472.

Salix merriami n. nom. W. United States, Miocene. **Cockerell.** 5465.

— *ramaleyi rohweri* n. var. **Cockerell.** 5472.

Sambucus newtoni n. sp. W. United States, Miocene. **Cockerell.** 5465.

Sapindoides urceolatus. **Perkins.** 5971.

Sapindus nn. spp. **Cockerell.** 5472.

Saxifraga (?) peritula n. sp. **Cockerell.** 5472.

Sicyos (?) florissantia n. sp. **Cockerell.** 5472.

Sorbus megaphylla n. sp. **Cockerell.** 5472.

Staphylea plioacaenica n. sp. Germany. **Engelhardt u. Kinkelin.** 5564.

Tricarpellites nn. spp. **Perkins.** 5971.

Viborquia nigrostipellata n. sp. **Cockerell.** 5472.

Vitis n. nom. et sp. **Cockerell.** 5472.

— nn. spp. Germany. **Engelhardt u. Kinkelin.** 5564.

Weinmannia nn. sp. comb. et nom. **Cockerell.** 5472.

5400.95 PLEISTOCENE AND RECENT.

Brasenia purpurea. Europe. **Stoller.** 6161.

Euryale ferox. **Sukatscheff.** 6177.

Populus. Gombocz. 5626.

6000 MONOCOTYLEDONES.

6000.70 JURASSIC.

Propalmophyllum liasinum. **Lignier.**
5825.

6000.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Pontederia. France. **Fritel.** 5597.

6000.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Juncus crassulus n. sp. **Cockerell.**
5472.

Limnobium obliteratum n. sp.
Cockerell. 5465.

Potamogeton plioacaenicum n. sp. Germany.
Engelhardt u. Kinkelin. 5564.

Stipa laminarum n. sp. **Cockerell.**
5472.

Typha moenana n. sp. Germany.
Engelhardt u. Kinkelin. 5564.

6500 GYMNOSPERMEEAE.

6500.38 FOSSILS OF DOUBTFUL
STRATIGRAPHICAL
POSITION.

Ginkgo. **Salfeld.** 6057.

Piceoxylon pseudotsugae n. sp.
Potonié. 5998.

6500.39 GENERAL.

Reiss. Über fossile Hölzer aus Japan.
Diss. Leipzig, 1907.

Araucarieae. **Seward & Ford.** 6105.

SPECIAL.

Cedroxylon inaequale n. sp. Japan.
Reiss. 6025.

Cupressoxylon podocarpoides n. sp.
Japan. **Reiss.** 6025.

Pityoxylon jimboi n. sp. Japan.
Reiss. 6025.

6500.45 PALAEZOIC GENERAL.

Cyees micholitzii. **Seward.** 6102.

6500.55 UPPER PALAEZOIC.

Araucarites delafondi n. sp. France.
Zeiller. 6298.

Cardiocarpus debaltzewensis n. sp.
Donetz. **Zalésskij.** 6295.

(K-4794)

Cordaicarpus planus n. sp. Dum-
friesshire. **Kidston.** 5755.

Cordaites hislopi. S. Africa. **Seward.**
6104.

Dadoxylon australe n. sp. Australia.
Arber. 5299.

— *schrellianum* n. sp.
Rheinpfalz. **Schuster.** 6086.

Gomphostrobus reisi n. sp. Germany.
Schuster. 6087.

Rhabdocarpus curvatus n. sp. Dum-
friesshire. **Kidston.** 5755.

Walchia schneideri n. sp. France.
Zeiller. 6298.

6500.60 MESOZOIC (GENERAL).

Antholithus zeilleri n. sp. Scandinavia. **Nathorst.** 5915.

*Dadoxylon (Araucaria) pseudoparen-
chymatosum* n. sp. Seymour- und Snow
Hill-Insel. **Gothan.** 5637.

Palaeotaxus. **Nathorst.** 5916.

Palissya. **Nathorst.** 5916.

Phyllocladoxylon antarcticum n. sp.
Seymour- und Snow Hill-Insel. **Gothan.**
5637.

Podocarpoxylon aparenchymatosum n.
sp. Seymour- und Snow Hill-Insel.
Gothan. 5637.

Stachyotaxus. **Nathorst.** 5916.

6500.70 JURASSIC.

Baiera. Caucasus and Turkestan.
Seward. 6103.

Brachiphyllum. Caucasus and Turke-
stan. **Seward.** 6103.

Czekanowskia rigida. Caucasus and
Turkestan. **Seward.** 6103.

Ginkgo. Caucasus and Turkestan.
Seward. 6103.

Nilssonia. Caucasus and Turkestan.
Seward. 6103.

Pagiophyllum. Caucasus and Turke-
stan. **Seward.** 6103.

Phoenicopsis angustifolia. Caucasus
and Turkestan. **Seward.** 6103.

Pityophyllum longifolium. Caucasus
and Turkestan. **Seward.** 6103.

Podozamites. Caucasus and Turke-
stan. **Seward.** 6103.

Otozamites. Caucasus and Turkestan. **Seward**. 6103.

Schizolepis moelleri n. sp. Caucasus and Turkestan. **Seward**. 6103.

Williamsonia pecten. Caucasus and Turkestan. **Seward**. 6103.

Zamites weberi n. sp. Caucasus and Turkestan. **Seward**. 6103.

6500.75 CRETACEOUS.

Araucaria nn. spp. **Berry**. 5334.

[*Araucariopitys* n. gen.] **Jeffrey**. 5736.

Araucarites zeilleri n. sp. **Berry**. 5334.

Cycadaceae. Texas. **Udden**. 6199.

Picea elizwoodensis n. sp. New Jersey. **Berry**. 5332.

Pinus macrostrobilina n. sp. Nordböhmien. **Menzel**. 5879.

Tumion carolinianum n. sp. **Berry**. 5333.

6500.80 CAENOZOIC (TERTIARY) (GENERAL).

Araucarioxylon arizonicum var. *neogarum* n. var. W. United States. **Platen**. 5986.

Phyzematoxylon goepperti. W. United States. **Platen**. 5986.

Pityoxylon nn. spp. W. United States. **Platen**. 5986.

Taxodioxylon credneri n. sp. W. United States. 5986.

6500.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Araucaria imponens n. sp. Seymour Insel. **Dusén**. 5550.

Pinus (Pseudostrobus) defrancei. **Combes**. 5481.

6500.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Abies alba. Italy. Cavarra. 5426.

Cephalotaxus nn. spp. Germany. **Engelhardt** u. **Kinkelin**. 5564.

Cupressus. Virginia. **Berry**. 5336.

Heyderia coloradensis n. sp. **Cockerell**. 5472.

Libocedrus plioacaenica n. sp. Germany. **Engelhardt** u. **Kinkelin**. 5564.

Pinus nn. spp. et fl. Germany. **Engelhardt** u. **Kinkelin**. 5564.

— nn. spp. Firenze. **Pampaloni**. 5951.

— *sturgisi* n. sp. W. United States, Miocene. **Cockerell**. 5465.

— *wheeleri* n. sp. **Cockerell**. 5472.

Taxodium. **Koehne**. 5770.

— *distichum*. Germany. **Rein**. 6023.

6500.95 PLEISTOCENE AND RECENT.

Taxus baccata. Germany. **Brakenhoff**. 5364.

6600 CYCADOFILICES (PTEROSPERMEEAE).

6600.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

Taxospermum angulosum. **Bertrand**. 5339.

6600.39 GENERAL.

Cycadinoxylon *augustodunensis*. **Bertrand**. 5340.

Leptocaryon. **Bertrand**. 5338.

Taxospermum. **Bertrand**. 5337.

6600.50 LOWER PALAEZOIC.

Lyginodendron. **Kidston**. 5754.

Sphenopteris. **Kidston**. 5754.

6600.55 UPPER PALAEZOIC.

Lyginodendron. **Kidston**. 5754.

Sphenopteris. **Kidston**. 5754.

6600.55 UPPER PALAEZOIC. GENERAL.

Kubart. 5781. Pflanzenversteinerungen enthaltende Knollen aus dem Ostrau-Karwiner Kohlenbecken.

SPECIAL.

Alethopteris nn. spp. France. **Zeiller**. 6298.

Alethopteris nn. spp. Russia. **Zalésskij.** 6294.

Callipteris raymondi n. sp. France. **Zeiller.** 6298.

Crossotheca. France. **Carpentier.** 5418.

Cycadophyllites. United States. **White.** 6240.

Mixoneura. Donetz. **Zalésskij.** 6295.

— *neuropteroides*. S. Russia. **Zalésskij.** 6293.

— *obliqua*. Russia. **Zalésskij.** 6294.

Neuropteris. Russia. **Zalésskij.** 6294, 6295.

Ovopteris pecopteroides n. sp. **Potonié.** 5998.

6600.60 MESOZOIC (GENERAL).

Lycostrobus scotti. Scandinavia. **Nathorst.** 5914.

6700 PTERIDOPHYTA.

6700.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

Kidston & Gwynne-Vaughan. 5757.

Fossil Osmundaceae. II.

6700.39 GENERAL.

Jeffery. 5737. Are there foliar gaps in the Lycopsida?

SPECIAL.

Bothrodendron punctatum. **Rémer.** 6026.

Caulopteris. **Pelourde.** 5964.

Clepsydropsis. **Bertrand.** 5342.

Equisetaceae. **Fritel et Viguier.** 5600.

Gyropteris. **Bertrand.** 5341.

Lepidostrobus brownii. **Zeiller.** 6299.

Psaronicaulon. **Pelourde.** 5964.

Psaronius. **Pelourde.** 5964.

Sphenophyllales. **Lignier.** 5824.

Tubicaulis. **Bertrand.** 5341.

6700.55 UPPER PALAEZOIC.

Annularia. Russia. **Zalésskij.** 6294, 6295.

— *sphenophylloides* var. *intermedia* n. var. **Peola.** 5969. (k-1794)

Aphlebia dissoluta n. sp. **Potonié.** 5998.

— *fasciculata* n. sp. France. **Zeiller.** 6298.

White. 6241. *Archaeosigillaria.*

Asterophyllites. Russia. **Zalésskij.** 6294.

— *axillaris* n. sp. Germany. **Schuster.** 6087.

Bothrodendron. Russia. **Zalésskij.** 6294.

— *kidstoni.* S. Africa. **Seward.** 6104.

Botryopteris antiqua n. sp. Fife. **Kidston.** 5756.

Calamites. Russia. **Zalésskij.** 6294.

— *suckowi.* Russia. **Zalésskij.** 6294.

Callipteridium pteridium. Russia. **Zalésskij.** 6294.

Callipteris schwebei n. sp. **Potonié.** 5998.

Cardopteris grandis n. sp. France. **Zeiller.** 6298.

— *sterzeli* n. sp. Donetsk. **Zalésskij.** 6295.

Crossotheca hughesiana n. sp. **Kidston.** 5754.

Cyclopteris orbicularis. Russia. **Zalésskij.** 6294.

— *pinna* n. sp. Germany. **Schuster.** 6087.

Desmopteris nn. spp. **Potonié.** 5998.

Diplotmema. Russia. **Zalésskij.** 6294.

Dineuron ellipticum n. sp. Fife. **Kidston.** 5756.

Equisetum kidstoni. Russia. **Zalésskij.** 6294.

Eremopteris (Diplotmema?) missouriensis. Russia. **Zalésskij.** 6294.

Eskdalia minuta n. gen. et sp. Dumfriesshire. **Kidston.** 5755.

Glossopteris. S. Africa. **Seward.** 6104.

Lepidodendron. Russia. **Zalésskij.** 6294.

Lepidophloios laricinus. Russia. **Zalésskij.** 6294.

Lepidophyllum lanceolatum. Russia. **Zalésskij.** 6294.

Lepidostrobus bertrandi n. sp. *Donetz.* **Zalésskij.** 6296.

— *variabilis.* Russia. **Zalésskij.** 6294.

Linopteris. Russia. **Zalésskij.** 6294.

— *obliqua.* **Zalésskij.** 6295.

Mariopteris. **Zalésskij.** 6294.

Odontopteris thinnfeldioides n. sp. Germany. **Schuster.** 6087.

Palaeostachya domherri n. sp. Russia. **Zalésskij.** 6294.

— *cttengshausenii* n. sp. Norfolk. **Kidston.** 5755.

Palmatopteris furcata. Russia. **Zalésskij.** 6294.

Pecopteris. Russia. **Zalésskij.** 6294, 6295.

— *attenuata* n. sp. Germany. **Schuster.** 6087.

Phyllotheeca etheridgei n. sp. New South Wales. **Arber.** 5299.

— *zeilleri.* S. Africa. **Seward.** 6104.

Pinakodendron maceonochiei n. sp. Dumfriesshire. **Kidston.** 5755.

Poacordaites gracilifolius. Russia. **Zalésskij.** 6294.

Protolepidodendreae n. fam. **White.** 6241.

Protolepidodendron. **White.** 6241.

Radicites capillacea. Russia. **Zalésskij.** 6294.

Selaginellites suissei n. sp. France. **Zeiller.** 6298.

Sigillaria. Russia. **Zalésskij.** 6294.

— *canariensis* n. sp. Dumfriesshire. **Kidston.** 5755.

Sphenophyllum. Russia. **Zalésskij.** 6294, 6295.

— *fertile.* **Scott.** 6091.

— *gehleri* n. sp. Russia. **Zalésskij.** 6294.

— Russia. **Zalésskij.** 6294.

Stigmaria ficoides. Russia. **Zalésskij.** 6294.

— (*Stigmariopsis*) *rimosiformis* n. sp. Dumfriesshire. **Kidston.** 5755.

Tubicaulis satellifii n. sp. **Stopes.** 6171.

Ulcopteris ammonis n. gen. et sp. Germany. **Schuster.** 6087.

Vertebraria indica. S. Africa. **Seward.** 6104.

6700.60 MESOZOIC (GENERAL).

Equisetites nn. spp. Schweden. **Halle.** 5656.

Neocalamites n. gen. Schweden. **Halle.** 5656.

6700.70 JURASSIC.

Cladophlebis n. sp. Caucasus and Turkestan. **Seward.** 6103.

Clathropteris meniscoidea. Caucasus and Turkestan. **Seward.** 6103.

Coniopteris. Caucasus and Turkestan. **Seward.** 6103.

Equisetites ferganensis n. sp. Caucasus and Turkestan. **Seward.** 6103.

Clukia exilis. Caucasus and Turkestan. **Seward.** 6103.

Lycopodiaceae. **Fliche.** 5581.

Marattiopsis muensteri. Caucasus and Turkestan. **Seward.** 6103.

Sphenopteris. Caucasus and Turkestan. **Seward.** 6103.

Taeniopteris. Caucasus and Turkestan. **Seward.** 6103.

Thinnfeldia. Caucasus and Turkestan. **Seward.** 6103.

Ungeria solnhofensis n. gen. et sp. **Salfeld.** 6056.

6700.75 CRETACEOUS.

Heterofilicites anceps n. gen. et sp. New Jersey. **Berry.** 5332.

Nathorstia Heer. Greenland. **Nathorst.** 5915.

6700.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Alsophila antarctica Christ. n. sp. Seymour Insel. **Dusén.** 5550.

Asplenium antarcticum n. sp. **Dusén.** 5550.

Drypteris nn. spp. **Dusén.** 5550.

Polypodium nn. spp. Seymour-Insel. **Dusén.** 5550.

Salvinia. France. **Fritel.** 5597.

Taeniopteris nn. spp. Seymour-Insel. **Dusén.** 5550.

6700.90 *UPPER CAENOZOIC*
(*MIOCENE, PLIOCENE*).

Ancimia ? *gracillima* n. comb.
Cockerell. 5472.

Dryopteris seansa n. sp. **Cockerell.**
5472.

Onoclea reducta n. sp. **Cockerell.**
5472.

Pellaea antiquella n. sp. **Cockerell.**
5472.

Phegopteris guyottii n. comb.
Cockerell. 5472.

Woodwardia florissantia n. sp.
Cockerell. 5472.

7000 MUSCI ET HEPATICAE.

7000.65 TRIASSIC.

Giantopteris. Korea. **Yabe.** 6291.

7000.85 *LOWER CAENOZOIC*
(*EOCENE*).

Marchantia peatii n. sp. **Knowlton.**
5769.

7300 CHARACEAE.

7300.90 *UPPER CAENOZOIC*
(*MIOCENE, PLIOCENE*).

Chara peritula n. sp. **Cockerell.**
5472.

7000.95 *PLEISTOCENE AND*
RECENT.

Hypnum turgescens n. sp. Kurische
Nehrung. **Weber.** 6235.

7400 ALGAE ET SCHIZOPHYCEAE.

7400.50 *LOWER PALAEZOIC.*

Solenopora gotlandica n. sp. Gotland.
Rothpletz. 6050.

Sphaerocodium gotlandicum n. sp.
Gotland. **Rothpletz.** 6050.

7400.55 *UPPER PALAEZOIC.*
GENERAL.

Penhallow. 5968. Some fossil plants
from the Middle Devonian of Milwaukee,
Wisconsin.

SPECIAL.

Fucus berthelotensis n. sp. **Penhallow.**
5968.

Nematophyceus milwaukeensis n. sp.
Penhallow. 5968.

7400.70 JURASSIC.

GENERAL.

Clerici. 5459. Richerche microscopiche
su alcuni calceari liasici di Tivoli.

SPECIAL.

Liasophyceus seythothalicoidea n. sp.
Fliche. 5580.

7400.85 *LOWER CAENOZOIC*
(*EOCENE, OLIGOCENE*).

Haploporella kinkelini n. sp. Germany.
Spandel. 6137.

7400.90 *UPPER CAENOZOIC*
(*MIOCENE, PLIOCENE*).

Algacites caulerpoides n. sp. Germany.
Engelhardt u. **Kinkelini.** 5564.

Caulerpetites tertaria n. sp. Germany.
Engelhardt u. **Kinkelini.** 5564.

7400.95 *PLEISTOCENE AND*
RECENT.
GENERAL.

Clerici. 5458. Diatomée della farina
calcea raccolta presso il lago di
Avigliana.

Clerici. 5460. Analisi microscopica
del calcare farinoso di S. Demetrio nei
Vestini.

SPECIAL.

Halimeda. New Hebrides. **Chapman & Mawson.** 5439.

7700 FUNGI, BACTERIA ET MYCETOZOA.

7700.55 *UPPER PALAEZOIC.*

Sphaerites carbonarius n. sp. Germany.
Schuster. 6087.

7700.80 *CAENOZOIC (TERTIARY)*
(*GENERAL*).

Agaricites conwentzi n. sp. W. United
States. **Platen.** 5986.

7700.90 *UPPER CAENOZOIC*
(*MIOCENE, PLIOCENE*).

Didymosphaeria betheli n. sp. **Cockerell.** 5472.

Geaster florissantensis n. sp. W. United States, Miocene. **Cockerell.** 5465.

Hysterium cyperi n. sp. Germany. **Engeldhardt** u. **Kinkelin.** 5564.

Rhytisma ulmi n. sp. Germany. **Engeldhardt** u. **Kinkelin.** 5564.

Sphaeria luxi n. sp. Germany. **Engelhardt** u. **Kinkelin.** 5564.

7900 *PLANTAE INCERTAE SEDIS.*

7900.55 *UPPER PALAEozoic.*
Cyathotrachus. England. **Watson.** 6232.

Trigonocarpon olivaeforme. **Scott & Maslen.** 6094.

7900.90 *UPPER CAENOZOIC*
(*MIOCENE, PLIOCENE*).
GENERAL.

Plantae incertae sedis (23). **Reid & Reid.** 6022.

Staphidoides n. gen. et spp. **Perkins.** 5971.

LIST OF NEW GENERA AND SPECIES.

5400 DICOTYLEDONS.

ACER [Aceraceae].

— *florigerum*. Cockerell. 5465.
— *peritum*. Cockerell. 5465.

ACERATES [Asclepiadaceae].

— *fructifer*. Cockerell. 5465.

AILANTHUS [Simarubaceae].

— *americana*. Cockerell. 5465.

ALNOXYLON [Incert. Sed.].

— *jezoense*. Reiss. 6025.

ALNUS [Betulaceae].

— *praecordata* n. nom.
Cockerell. 5472.

AMELANCHIER [Malaceae].

— *peritula*. Cockerell. 5472.

ANACARDIOXYLON [Anacardiaceae].

— *magniporosum*. Platen. 5986.

ANDROMEDA [Ericaceae].

— *scudderiana* n. nom.
Cockerell. 5472.

ANONA [Anonaceae].

— *spoliata*. Cockerell. 5465.

ARALINIUM n. gen. [Araliaceae]. Platen.
5986.

— *excellens*. Platen. 5986.
— *lindgreni*. Platen. 5986.
— *multiradiatum*. Platen. 5986.
— *parenchymaticum*. Platen.
5986.

ARISTOLOCHIA [Aristolochiaceae].

— *mortua*. Cockerell. 5472.
— *pliocaenica*. Kinkelin. 5564.

ASTER [Compositae].

— *florissantia*. Cockerell. 5472.

AULACOXYLON [Incert. Sed.].

— *sparnaense*. Combes. 5482.

BICARPELLITES [Juglandaceae].

— *abbreviatus*. Perkins. 5971.
— *attenuatus*. Perkins. 5971.

BICARPELLITES [Juglandaceae].

— *bicarinatus*. Perkins. 5971.
— *brevis*. Perkins. 5971.
— *carinatus*. Perkins. 5971.
— *crassus*. Perkins. 5971.
— *erateriformis*. Perkins. 5971.
— *inequalis*. Perkins. 5971.
— *lanceolatus*. Perkins. 5971.
— *latus*. Perkins. 5971.
— *major*. Perkins. 5971.
— *medius*. Perkins. 5971.
— *ovatus*. Perkins. 5971.
— *papillosus*. Perkins. 5971.
— *parvus*. Perkins. 5971.
— *quadrangulatus*. Perkins.
5971.

— *quadratus*. Perkins. 5971.
— *solidus*. Perkins. 5971.
— *sulcatus*. Perkins. 5971.

BRASENIA [Nymphaeaceae].

— *pliocaenica*. Kinkelin. 5564.

BUETTNERIA [Sterculiaceae].

— *perplexans*. Cockerell. 5472.

BAUHINIA [Caesalpiniaceae].

— *marylandica*. Berry. 5335.

CALDOLUVIA [Saxifrageae].

— *mirabilis*. Dusén 5550.

CARPINOXYLON [Cupuliferae].

— *pfeifferi*. Platen. 5986.

CASTANEA [Fagaceae].

— *dolichophylla*. Cockerell.

5472.

CERCIDOXYLON n. gen. [Leguminosae].

Platen. 5986.

— *zirkeli*. Platen. 5986.

CICER [Papilionaceae].

— *inflatum*. Kinkelin. 5564.

CRATAEGUS [Malaceae].

— *newberryi*. Cockerell. 5472.

DIOSPYROS [Ebenaceae].

— *princetonia*. Cockerell. 5472.

DRIMYS [Magnoliaceae].
 —— *antarcica*. Dusén. 5550.

EBENOXYLON [Ebenaceae].
 —— *boreale*. Platen. 5986.
 —— *speciosum*. Platen. 5986.

ELAEODENDROXYLON n. gen. [Celastrineae].
 Platen. 5986.
 —— *polymorphum*. Platen. 5986.

FAGARA [Rutaceae].
 —— *delicatula*. Cockerell. 5472.

FAGUS [Cupuliferae].
 —— *obscura*. Dusén. 5550.

ELIXIA n. gen. [Leguminosae]. Platen.
 5986.
 —— *latiradiata*. Platen. 5986.

FICOXYLON [Urticaceae].
 —— *helictoxyloides*. Platen. 5986.

FICUS [Moraceae].
 —— *arenaceaeformis*. Cockerell.
 5472.
 —— *florissantella*. Cockerell.
 5472.
 —— *navicularis* n. nom. Cockerell.
 5472.

FRAXINUS [Oleaceae].
 —— *palaeophila*. Cockerell. 5472.

HERACLEITES [Umbelliferae].
 —— *mäbäusi*. Kinkelin. 5564.

HICORIA [Juglandaceae].
 —— *princetonia* n. nom. Cockerell.
 5472.

HICOROIDES [Juglandaceae].
 —— *levis*. Perkins. 5971.

HYDRANGEA [Saxifragaceae].
 —— *florissantia*. Cockerell. 5465.
 —— *subincerta*. Cockerell. 5472.

JUGLANS [Juglandaceae].
 —— *leonis* n. nom. Cockerell.
 5465.
 —— *sepultus*. Cockerell. 5472.

KNIGHTIA [Proteaceae].
 —— *andreae*. Dusén. 5550.

LAURELIA Monimiaceae.
 —— *insularis*. Dusén. 5550.

LAURINOXYLON Laurinae].
 —— *uniseriatum*. Gothan. 5637.

LAURIPHYLUM [Lauraceae].
 —— *nordenskjöldii*. Dusén.
 5550.

LESURIA n. gen. [Cornaceae]. Perkins.
 5971.
 —— *attenuata*. Perkins. 5971.

LEUCAENA [Mimosaceae].
 —— *coloradensis*. Cockerell. 5472.

LIQUIDAMBAR [Hamamelidaceae].
 —— *convexum*. Cockerell. 5472.

LIRIOPENDRON [Magnoliaceae].
 —— *morganensis*. Berry. 5332.

LOMATIA [Proteaceae].
 —— *angustiloba*. Dusén. 5550.
 —— *breripinna*. Dusén. 5550.
 —— *serruata*. Dusén. 5550.
 —— *seymourensis*. Dusén. 5550.

MELIA [Meliaceae].
 —— *expulsa*. Cockerell. 5472.

MELOTHRIA [Cucurbitaceae].
 —— *coloradensis*. Cockerell. 5472.

MENYANTHES [Gentianaceae].
 —— *coloradensis*. Cockerell. 5465.

MICONIOPHYLLUM [Melastomaceae].
 —— *australe*. Dusén. 5550.

MIMULUS [Scrophulariaceae].
 —— *saxorum*. Cockerell. 5472.

MOLLINEDIA [Monimiaceae].
 —— *seymourensis*. Dusén. 5550.

MONOCARPELLITES [Juglandaceae].
 —— *amygdaloides*. Perkins. 5971.
 —— *multicostatus*. Perkins. 5971.
 —— *pruniformis*. Perkins. 5971.

MORUS [Moraceae].
 —— *symmetrica*. Cockerell. 5472.

MYRICA [Myricaceae].
 —— *nordenskjöldii*. Dusen. 5550.
 —— *wolffii*. Kinkelin. 5564.

MYRSINE [Myrsinaceae].
 —— *laminarum* n. nom. Cockerell.
 5472.

NOTHOFAGOXYLON n. gen. [Cupulifera].
 Gothan. 5637.
 —— *scalariforme*. Gothan. 5637.

NOTHOFAGUS [Cupuliferae].
 —— *pudchra*. Dusén. 5550.

NYSSA [Cornaceae].
 —— *acuticostata*. Perkins. 5971.
 —— *ovalis*. Perkins. 5971.

OCOTEoxyliox [Laurinae].
 —— *tigurinum*. Schuster. 6085.

ODOSTEMON [Berberidaceae].
 —— *florissantensis*. Cockerell.
 5472.

OXYPOLIS [Umbelliferae].
 —— *destructus*. Cockerell. 5472.

PACHISTIMA [Celastraceae].
 —— *integra*. Cockerell. 5472.

PALIURUS [Rhamnaceae].
 — *haydeni* n. nom. Cockerell. 5465.
 — *populiferus*. Berry. 5332.

PANAX [Araliaceae].
 — *andrewsii*. Cockerell. 5465.

PARTHENOCISSUS [Vitaceae].
 — *osbourni*. Cockerell. 5472.

PERSEA [Lauraceae].
 — *coloradica*. Cockerell. 5472.

PERSEOXYLON [Laurineae].
 — *californicum*. Platen. 5986.
 — *ebri*. Platen. 5986.

PHACA [Leguminosae].
 — *wilmattae*. Cockerell. 5465.

PHILADELPHUS [Hydrangeaceae].
 — *palaeophilus*. Cockerell. 5472.

PLANERA [Ulmaceae].
 — *myricaefolia* n. comb. Cockerell. 5472.

PLATANINIUM [Platanaceae].
 — *crystallophilum*. Platen. 5986.
 — *knoweltoni*. Platen. 5986.
 — *pacificum*. Platen. 5986.

PLATANUS [Platanaceae].
 — *kümmelii*. Berry. 5332.

POLYGONUM [Polygonaceae].
 — *minimum*. Kinkelin. 5564.

POPULUS [Salicaceae].
 — *arctic-decipiens* n. comb. Cockerell. 5472.
 — *crassa* n. comb. Cockerell. 5472.
 — *pseudocredneria* n. sp. Cockerell. 5472.

PRUNINIUM n. gen. [Rosaceae]. Platen. 5986.
 — *gummosum*. Platen. 5986.

PRUNOIDES [Rosaceae].
 — *inequalis*. Perkins. 5971.

PRUNUS [Rosaceae].
 — *askenasyi*. Kinkelin. 5564.

PTELEA [Rutaceae].
 — *molesta* (?) Cockerell. 5472.

QUERCINIUM [Cupuliferae].
 — *abromeiti*. Platen. 5986.
 — *anomalum*. Platen. 5986.
 — *lesquereuxii*. Platen. 5986.
 — *soleredi*. Platen. 5986.
 — *wardi*. Platen. 5986.

QUERCUS [Fagaceae].
 — *balaninorum*. Cockerell. 5472.

QUERCUS [Fagaceae].
 — *knoweltoniana*. Cockerell. 5465.
 — *lyratiformis*. Cockerell. 5472.

RHAMNUS [Rhamnaceae].
 — *florissantensis*. Cockerell. 5472.

RHUS [Anacardiaceae].
 — *mensae* n. nom. Cockerell. 5465.

RIBES [Grossulariaceae].
 — *protomelaenum*. Cockerell. 5472.

ROBINIA [Leguminosae].
 — *brittoni*. Cockerell. 5465.

ROSA [Rosaceae].
 — *ruskiniana*. Cockerell. 5465.
 — *wilmattae*. Cockerell. 5472.

SALIX [Salicaceae].
 — *merriami* n. nom. Cockerell. 5465.
 — *ramaleyi rohweri*. Cockerell. 5472.

SAMBUCUS [Caprifoliaceae].
 — *newtoni*. Cockerell. 5465.

SANTALUM [Santalaceae].
 — *novae-caesareae*. Berry. 5332.

SAPINDOIDES [Sapindaceae].
 — *ureolatus*. Perkins. 5971.

SAPINDUS [Sapindaceae].
 — *coloradensis*. Cockerell. 5472.
 — *leonis*. Cockerell. 5472.

SAXIFRAGA [Saxifragaceae].
 — *peritula*. Cockerell. 5472.

SICYOS [Cucurbitaceae].
 — *florissantia*. Cockerell. 5472.

SIMARUBINIUM n. gen. [Simarubeae].
 — *laten*. 5986.
 — *crystallophorum*. Platen. 5986.
 — *engelhardtii*. Platen. 5986.

SORBUS [Malaceae].
 — *megaphylla*. Cockerell. 5472.

STAPHYLEA [Staphyleaceae].
 — *pliocaenica*. Kinkelin. 5564.

STERCULIA [Sterculiaceae].
 — *minima*. Berry. 5332.

TRICARPELLITES [Juglandaceae].
 — *alatus*. Perkins. 5971.
 — *brandonianus*. Perkins. 5971.
 — *curtus*. Perkins. 5971.
 — *triangularis*. Perkins. 5971.

ULMOXYLON [Urticaceae].
 — *simrathi*. Platen. 5986.

VIBORQUIA [Mimosaceae].
 ————— *nigrostipellata*. Cockerell. 5472.

VITIS [Vitaceae].
 ————— *alaskana* n. nom. Cockerell. 5472.
 ————— *florissantella*. Cockerell. 5472.
 ————— *plioacaenica*. Kinkelin. 5564.
 ————— *sphaeroearpa*. Kinkelin. 5564.

WEINMANNIA [Cunoniaceae].
 ————— *dubiosa* n. nom. Cockerell. 5472.
 ————— *haydenii* n. comb. Cockerell. 5472.
 ————— *lesquerueuxii*. Cockerell. 5472.
 ————— *phenacophylla*. Cockerell. 5472.

6000 MONOCOTYLEDONES.

JUNCUS [Juncaceae].
 ————— *crassulus*. Cockerell. 5472.

LIMNOBIUM [Hydrocharitaceae].
 ————— *obliteratum*. Cockerell. 5465.

POTAMOGETON [Naiadaceae].
 ————— *pliocuenicum*. Engelhardt. 5564.

STIPA [Poaceae].
 ————— *laminarum*. Cockerell. 5472.

TYPHA [Typhaceae].
 ————— *moenana*. Kinkelin. 5564.

6500 GYMNOSPERMEAE.

ANTHOLITHUS [Incert. Sed.].
 ————— *zeilleri*. Nathorst. 5915.

ARAUCARIA [Coniferae].
 ————— *blaudensis*. Berry. 5334.
 ————— *impavens*. Dusén. 5550.
 ————— *jeffreyi*. Berry. 5334.

Araucariopitys n. gen. [Coniferae].
 Jeffrey. 5736.
 ————— *americana*. Jeffrey. 5736.

ARAUCAARIOXYLON [Coniferae].
 ————— *arizonicum* var. *neogaeum* n. var. Platen. 5986.

ARAUCARITES [Coniferae].
 ————— *delafondii*. Zeiller. 6298.
 ————— *zeilleri*. Berry. 5334.

CARDIOCARPUS [Cordaiteae].
 ————— *debaetzewensis*. Zalésskij. 6295.

CEDROXYLON [Coniferae].
 ————— *inaequale*. Reiss. 6025.

CEPHALOTAXUS [Taxaceae].
 ————— *francofurtana*. Kinkelin. 5564.

CORDAICARPUS [Cordaiteae].
 ————— *planus*. Kidston. 5755.

CUPRESSOXYLON [Coniferae].
 ————— *podocarpoides*. Reiss. 6205.

DADOXYLON [Coniferae].
 ————— *australe*. Arber. 5299.
 ————— *pseudoparenchymatosum*. Gothan. 5637.
 ————— *schrollianum*. Schuster. 6086.

GOMPHOSTROBOS [Abietineae].
 ————— *reisi*. Schuster. 6087.

HYDERIA [Pinaceae].
 ————— *coloradensis*. Cockerell. 5472.

LIBOCEDRUS [Cupressineaceae].
 ————— *plioacaenica*. Kinkelin. 5564.

PHYLLOCLADOXYLON [Coniferae].
 ————— *antarcticum*. Gothan. 5637.

PHYZEMATOPITYS [Coniferae].
 ————— *goepperti*. Platen. 5986.

PICEA [Coniferae].
 ————— *cliffwoodensis*. Berry. 5332.
 ————— *latisquamosa* f. *cylindrica* n. f. Kinkelin. 5564.
 ————— *latisquamosa* f. *fusiformis* n. f. Kinkelin. 5564.

PICEOXYLON [Coniferae].
 ————— *pseudotsugae*. Potonié. 5998.

PINUS [Abietineaceae].
 ————— *biondi*. Pampaloni. 5951.
 ————— *macrostrobilina*. Menzel. 5879.
 ————— *stellwagi*. Kinkelin. 5564.
 ————— *sturgisi*. Cockerell. 5465.
 ————— *timberi*. Engelhardt & Kinkelin. 5564.
 ————— *raldarnensis*. Pampaloni. 5951.
 ————— *wheeleri*. Cockerell. 5472.

PITYOXYLON [Coniferae].
 ————— *annulatum*. Platen. 5986.
 ————— *jimboi*. Reiss. 6025.
 ————— *vateri*. Platen. 5986.

PODOCARPOXYLON [Coniferae].
 ————— *aparenchymatosum*. Gothan. 5637.

RHABDOCARPUS [Cordaiteae].
 ————— *curratns*. Kidston. 5755.

SCHIZOLEPIS [Incert. Sed.].
 ————— *moelleri*. Seward. 6103.

TAXODIÖXYLON [Coniferae].
 ——— *credneri*. Platen. 5986.

TRITON [Coniferae].
 ——— *carolinianum*. Berry. 5333.

WALCHIA [Coniferae].
 ——— *schneideri*. Zeiller. 6298.

ZAMITES [Cycadaceae].
 ——— *weberi*. Seward. 6103.

6600 CYCADOFILICES (PTERIDOSPERMEAE).

ALETHOPTERIS [Cycadofilices]
 ——— *costei*. Zeiller. 6298.
 ——— *minuta*. Zeiller. 6298.

CALLIPTERIS [Cycadofilices].
 ——— *raymondi*. Zeiller. 6298.

OVOPTERIS [Medullocoeae].
 ——— *pecopterooides*. Potonié. 5998.

6700 PTERIDOPHYTA.

AI SOPHILA [Cyatheaceae].
 ——— *antarctica*. Christ. 5550.

ANEIMIA [Schizeaceae].
 ——— *gravillina* n. comb.
 ——— Cockerell. 5472.

ANNULARIA [Equisetaceae].
 ——— *sphenophylloides* var. *intermedia* n. var. Peola.
 ——— 5969.

APILEBIA [Filiaceae].
 ——— *dissoluta*. Potonié. 5998.
 ——— *fasiculata*. Zeiller. 6298.

ASPLENIUM [Polypodiaceae].
 ——— *antarcticum*. Dusén. 5550.

ASTEROPHYLLITES [Equisetaceae].
 ——— *axillaris*. Schuster. 6087.

BOTRYOPTERIS [Filiaceae].
 ——— *antiqua*. Kidston. 5756.

CALLIPTERIS [Filiaceae].
 ——— *scheibei*. Potonié. 5999.

CAULOPTERIS [Filiaceae].
 ——— *grandis*. Zeiller. 6298.
 ——— *sterzeli*. Zalésskij. 6295.

CLADOPHLEBI [Filiaceae].
 ——— *fontainei*. Seward. 6103.

CROSSOTHECA [Filiaceae].
 ——— *hughesiana*. Kidston. 5754.

CYCLOPTERIS [Filiaceae].
 ——— *pina*. Schuster. 6087.

DESMOPTERIS [Filiaceae].
 ——— *integra*. Potonié. 5998.
 ——— *serrata*. Potonié. 5998.

DINEURON [Filiaceae].
 ——— *ellipticum*. Kidston. 5756.

DRYOPTERIS [Polypodiaceae].
 ——— *secaea*. Cockerell. 5472.

DRYPTERIS [Filiaceae].
 ——— *antarctica*. Dusén. 5550.
 ——— *seymourensis*. Dusén. 5550.

EQUISETITES [Equisetaceae].
 ——— *ferganensis*. Seward. 6103.
 ——— *laevis*. Halle. 5656.
 ——— *mobergii*. Moeller. 5656.
 ——— *nathorstii*. Halle. 5656.
 ——— *praelongus*. Halle. 5656.
 ——— *subulatus*. Halle. 5656.

EQUISETUM [Equisetaceae].
 ——— *kidstoni*. Zalésskij. 6294.

Eskdalia n. gen. [Filiaceae]. Kidston.
 ——— 5755.
 ——— *minuta*. Kidston. 5755.

Heterofilicites n. gen. [Filiaceae].
 ——— Berry. 5332.
 ——— *anceps*. Berry. 5332.

LEPIDOSTROBUS [Lycopodiaceae].
 ——— *bertrandi*. Zalésskij. 6296.

Neocalamites n. gen. [Equisetaceae].
 ——— Halle. 5656.

ODONTOPTERIS [Filiaceae].
 ——— *thinnfeldioides*. Schuster.
 ——— 6087.

ONOCLEA [Polypodiaceae].
 ——— *reducta*. Cockerell. 5472.

PALAEOSTACHYA [Equisetaceae].
 ——— *domperri*. Zalésskij. 6294.
 ——— *ettinghausenii*. Kidston.
 ——— 5755.

PECOPTERIS [Filiaceae].
 ——— *attenuata*. Schuster. 6087.

PELLAEA [Polypodiaceae].
 ——— *antiquella*. Cockerell. 5472.

PHEGOPTERIS [Polypodiaceae].
 ——— *guyottii* n. comb. Cockerell.
 ——— 5472.

PHYLLOTHECA [Equisetaceae].
 ——— *etheridgei*. Arber. 5299.

PINAKODENDRON [Lycopodiaceae].
 ——— *maconochiei*. Kidston.
 ——— 5755.

POLYPODIUM [Polypodiaceae].
 ——— *aemulans*. Dusén. 5550.

SELAGINELLITES [Lycopodiaceae].
 ——— *suissei*. Zeiller. 6298.

SIGILLARIA [Lycopodiaceae].
 —— *canoniana*. Kidston. 5755.

SPHENOPHYLLUM [Sphenophyllaceae].
 —— *gehleri*. Zalésskij. 6294.

STIGMARIA [Lycopodiaceae].
 —— *rimosiformis*. Kidston. 5755.

TAENIOPTERIS [Filicaceae].
 —— *blechnoides*. Dusén. 5550.
 —— *eripassimia*. Dusén. 5550.

TUBICAULIS [Filicaceae].
 —— *sutelifii*. Stöpes. 6171.

Ulvopteris n. gen. [Filicaceae].
 Schuster. 6087.
 —— *ammonis*. Schuster. 6087.

Ungeria n. gen. [Filicaceae]. Salfeld.
 6056.
 —— *solnhofensis*. Salfeld. 6056.

WOODWARDIA [Polypodiaceae].
 —— *florissantia*. Cockerell.
 5472.

7000 MUSCI ET HEPATICAE.

MARCHANTIA [Marchantiaceae].
 —— *pealei*. Knowlton. 5769.

7300 CHARACEAE.

CHARA [Characeae].
 —— *peritula*. Cockerell. 5472.

7400 ALGAE ET SCHIZOPHYCEAE.

ALGACITES [Algae].
 —— *caulerpoides*. Engelhardt.
 5564.

CAULERPITES [Caulerpaceae].
 —— *tertiaria*. Engelhardt. 5564.

FRIES [Fucaceae].
 —— *bertheletensis*. Penhallow.
 5968.

HAPLOPORELLA [Dasycladaceae].
 —— *kinkelini*. Spandel. 6137.

LIASOPHYCUS [Algae].
 —— *sythothaloides*. Flüeche.
 5580.

NEMATOPHYCUS [Laminariaceae].
 —— *milwaukeensis*. Penhallow.
 5968.

SOLENOPORA [Algae].
 —— *gotlandica*. Rothpletz. 6050.

SPHAEROCODIUM [Algae].
 —— *gotlandicum*. Rothpletz.
 6050.

7700 FUNGI, BACTERIA ET MYCETOZOA.

AGARICITES [Agaricaceae].
 —— *conuentzi*. Platen. 5986.

DIDYMOSPHAERIA [Pleosporae].
 —— *betheli*. Cockerell. 5472.

GEASTER [Lycoperdaceae].
 —— *florissantensis*. Cockerell.
 5465.

HYSTERIUM [Hysteriaceae].
 —— *cyperi*. Engelhardt. 5564.

RHYTISMA [Phaciidaeae].
 —— *ulmi*. Engelhardt. 5564.

SPHAERIA [Sphaeriaceae].
 —— *buxi*. Engelhardt. 5564.

SPHAERITES [Fungi].
 —— *carbonarius*. Schuster. 6087.

7900 PLANTAE INCERTAE SEDIS.

Staphidoides n. gen. [Incertae Sedis].
 Perkins. 5971.
 —— *oralis*. Perkins. 5971.
 —— *renosus* (Lesq.) n. comb.
 Perkins. 5971.

ALPHABETICAL LIST OF NAMES OF NEW GENERA,
SPECIES AND VARIETIES.

(*The names of new genera are in italics.*)

abbreviatus *Bicarpellites* ; Perkins. 5971.

abeli *Perisphinctes* ; Oppenheimer. 5936.

aberrans *Diceratherium* ; Loomis. 5843.

ablata *Rhamphomyia* ; Meunier. 5890.

abromeiti *Quercinium* ; Platen. 5986.

Acanthechinopsis n. gen. Gregory. 5645.

acer *Glossina* ; Clarke. 5454.

— *Sanguinolites* (?) ; Reed. 6014.

acerra *Stichocapsa* ; Hinde. 5691.

Achilemys n. gen. Hay. 5672.

acquitanica *Meniscopora* ; Canu. 5413.

aerodonta *Cyclopellatia* ; Cossmann. 5487.

Aerothelinae n. subfam. Walcott & Schuchert. 6222.

Acrotretinae n. subfam. Walcott & Schuchert. 6222.

Actinopterella n. gen. Williams. 6250.

aculeatus *Asaphus* ; Wiman. 6260.

acuticostata *Hamulina* ; Karakaš. 5748.

— n. var. *Myophoria transversa* ; Zeller. 6302.

— *Nyssa* ; Perkins. 5971.

acutilobata *Acaste* ; Knod. 5768.

acutisepta *Montlivaultia* ; Airaghi. 5281.

acutissimus *Chilocyclus* ; Häberle. 5652.

acutum *Dentalium* ; Richardson. 6038.

acutus *Heleophilus* ; Broom. 5389.

— *Trochosaurus* ; Broom. 5384.

adelis *Orbitoides* ; Checchia-Rispoli e Gemmellaro. 5444.

advena *Protostega* ; Hay. 5672.

aegle *Echmatemys* ; Hay. 5672.

aegyptiaca n. var. *Trigonodon serratus* ; Priem. 6002.

aegyptiacum *Rhagatherium* ; Andrews. 5293.

aemulans *Polypodium* ; Dusén. 5550.

aenigmatica *Leopoldia* ; Sayn. 6064a.

aequa *Amyda* ; Hay. 5672.

aesculapii *Sirenites* ; Frech. 5587.

affinis n. var. *Composita emarginata* ; Girty. 5622.

africana *Scaphiocoelia* (?) ; Reed. 6014.

africanus *Capitosaurus* ; Broom. 5389.

— *Gigantosaurus* ; Fraas. 5585.

— *Hybodus* ; Broom. 5388.

agamemnonis *Gymnites* ; Frech. 5587.

agrestes *Nuculana* ; Reed. 6017.

airaghii *Scutella* ; Nelli. 5920.

ajax *Pachysaurus* ; Huene. 5712.

Akidocheilus n. gen. Till. 6183.

alabamensis n. var. *Dicellograptus moffatensis* ; Ruedemann. 6053.

— n. var. *Diptograptus foliaceus* ; Ruedemann. 6053.

alaiformis *Lima* ; Krause. 5780.

Alamoscymus n. gen. Hay. 5672.
alaskana n. nom. *Vitis*; Cockerell.
 5472.
alata *Avicula*; Karakas. 5748.
alatus *Tricarpellites*; Perkins. 5971.
albani *Cyrtoceras*; Clarke. 5454.
Albertella n. gen. Walcott. 6222.
alexati *Scutellina*; Cottreau & Alexat.
 5495.
alimanestianoi *Joannites*; Kittl. 5766.
allardi *Perna*; Cossmann. 5487.
 ——— *Pseudomelania*; Cossmann.
 5487.
allegania *Dalmanella*; Williams. 6249.
Alopecodon n. gen. Broom. 5384.
alpina n. var. *Murchisonia davyi*;
 Spitz. 6139.
 ——— n. var. *Pleurotomaria coluber*;
 Spitz. 6139.
 ——— n. var. *Pleurotomaria labrosa*;
 Spitz. 6139.
 ——— n. var. *Tremanotus fortis*;
 Spitz. 6139.
alpinus *Bronteus*; Gortani. 5631.
alta *Anisocardia*; Krause. 5780.
altemontanus n. nom. *Bellerophem*.
 Spitz. 6139.
alternans n. subsp. *Ichnum acrodaustum*; Pabst. 5948.
alternestriolata n. var. *Monia aculeata*.
 5437.
altevittata *Murchisonia*; Spitz. 6139.
altidens *Telmatherium* (?); Osborn.
 5942.
Altippus n. gen. Douglass. 5528.
altisellatum *Centroceras*; Wedekind.
 6235.
altus *Branchiolumbrus*; Rathbun. 6010.
Alveolinella n. gen. Douvillé. 5533.
ambiguus *Akidocheilus*; Till. 6183.
ambonense *Dielaasma*; Boehm. 5349.
ambonensis *Athyris*; Boehm. 5349.
 ——— *Rhynchopora*; Boehm. 5349.
 ——— *Spiriferina*; Boehm. 5349.
ambongoensis *Pecten*; Thevenin. 6180.
ambrosionii *Pecten*; Mariani. 5861.
americana *Ailanthus*; Cockerell. 5465.
americana Araucarioptyys; Jeffrey.
 5736.
 ——— Geyerella; Girty. 5622.
 ——— Goniocladia; Girty. 5622.
 ——— Steinmannia; Girty. 5622.
 ——— Warthia; Girty. 5622.
americanus *Leptodus*; Girty. 5622.
 ——— *Neocomites*; Favre. 5574.
 ——— n. var. *Aulosteges medli*
cottianus; Girty. 5622.
amii *Schizophoria*? Clarke. 5454.
Aminippus subgen. n. nom. Granger.
 5640.
ammonis *Styliina*; Felix. 5576.
 ——— *Ulvopteris*; Schuster. 6087.
amphibolus *Monograptus*; Tornquist.
 6184.
Amphiserpentarius n. gen. Gaillard.
 5604.
amplexa *Beachia*; Clarke. 5454.
Amplexi-Zaphrentis n. subgen. Vaughan.
 5869.
Amphyopeza n. gen. Hay. 5672.
ampullata *Cytheridea*; Méhes. 5877.
amygdaloidus *Monocarpellites*; Perkins.
 5971.
anakolodactylum *Ichnium*; Pabst. 5948.
anastisini n. f. *Daonella*; Kittl. 5766.
anceps *Heterofilicites*; Berry. 5332.
anderssoni *Fusulina*; Schellwien. 6067.
andinus *Actaeon*; Haupt. 5667.
andreae *Knightia*; Dusén. 5550.
andrensis *Chonella*; Počta. 5988.
andrewsi *Phiomys*; Osborn. 5941.
andrewsii *Panax*; Cockerell. 5465.
aneri *Pseudomonotis*; Wittenburg.
 6263.
angelini *Clymenia*; Wedekind. 6235.
angularis *Spongolonche*; Hinde. 5691.
angulatus *Enteletes*; Girty. 5622.
 ——— n. var. *Euomphalus sulci*
fer; Girty. 5622.
angusta *Rhamphomyia* Meunier. 5890.
angustidens n. subsp. *Putorius cico*
gnanii; Brown. 5395.
angustiloba *Lomatia*; Dusén. 5550.

angustilobatum *Centroceras*; Wedekind. 6235.
 angustipneustes *Echinanthus*; Lambert 5791.
 angustisellatum *Sporadoceras*; Wedekind. 6235.
 angustomphalus *Bellerophon*; Spitz. 6139.
 angustum *Poterioceras*; Wedekind. 6235.
 angustus *Otolithus*; Priem. 6001.
 — n. f. *Megaphyllites*; Kittl. 5766.
 angusta *Montlivaultia*; Airaghi. 5281.
 — *Platycrinus*; Slocom. 6132.
Anisopyge n. gen. Girty. 5622.
Ankylosaurus n. gen. Brown. 5394.
annectens *Fiber*; Brown. 5395.
annulata *Haplooechia*; Filliozat. 5578.
annulatum *Pityoxylon*; Platen. 5986.
annulatus n. var. *Climacograptus scalaris*; Ruedemann. 6053.
anomalocrinus *Podolithus*; Sardeson. 6060.
anomalum *Platyceras*; Rowley. 6052.
 — *Quercinium*; Platen. 5986.
antarctica *Alsophila*; Christ. 5550.
antarctica *Drimys*; Dusén. 5550.
 — *Drypteris*; Dusén. 5550.
antarcticum *Asplenium*; Dusén. 5550.
 — *Phyllocladoxylon*; Gothan. 5637.
antennatus *Archaeopus*; Rathbun. 6010.
Anthracosycon n. gen.; Girty. 5622.
antiqua *Anisopyge*; Girty. 5622.
 — *Botryopteris*; Kidston. 5756.
 — *Tellinya*; Grönwall & Harder. 5649.
 — n. var. *Arietites carenatus*; Vadász. 6205.
antiquella *Pellaea*; Cockerell. 5472.
antiquus *Tanytropaeus*; Huene. 5712.
aparenchymatosum *Podocarpoxylon*; Gothan. 5637.
apicata *Stichocapsa*; Hinde. 5691.
Apidium n. gen. Osborn. 5941.
apolonista *Sympysurus*; Lake. 5784.
 — *applanata* n. var. *Chasmatops wesenbergensis*; Wiman. 6260.
approximatus n. var. *Glossograptus quadrimucronatus*; Ruedemann. 6053.
 — n. var. *Nemagraptus gracilis*; Ruedemann. 6053.
Apsidocrinus n. gen. Jaekel. 5729.
aquitanica *Heteropora*; Canu. 5413.
 — *Hippothoea*; Canu. 5413.
Aralinium n. gen. Platen. 5986.
arapovičense *Cerithium*; Oppenheim. 5934.
araripis *Tharrhias*; Jordan & Branner. 5744.
Araucariopitys n. gen. Jeffrey. 5736.
Archaeopus n. gen. Rathbun. 6010.
arctica n. var. *Productus semireticulatus*; Whitfield. 6244.
Arctitreta n. gen. Whitfield. 6244.
arcuata *Edmondia* (?). Cleland. 5457.
arenaceaeformis *Ficus*; Cockerell. 5472.
arenaria *Pleurotomaria*; Girty. 5622.
arethusa *Echmatemys*; Hay. 5672.
areyi *Dictyonema*; Gurley. 6053.
argentinus *Perisphinctes*; Haupt. 5667.
argivus *Japonites*; Frech & Rentz. 5592.
argolica n. var. *Ivannites diffissus*; Frech. 5587.
arictis *Cristellaria*; Issler. 5725.
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LIST OF ABBREVIATIONS WITH TITLES OF JOURNALS.

<i>Albany N.Y., St. Educ.</i>	New York State Education Department.	4 U.S.
<i>Dept. Mus. Bull.</i>	New York State Museum Bulletin. Albany, N.Y.	
<i>Albany N.Y., St. Educ.</i>	New York State Education Department.	5 U.S.
<i>Dept. Mus. Mem.</i>	New York State Museum Memoirs, Albany, N.Y.	
<i>Albany N.Y., St. Educ.</i>	New York State Education Department,	6 U.S.
<i>Dept. Mus. Rep.</i>	New York State Museum Annual Report, Albany N.Y.	
<i>Amer. J. Psych. Worcester</i>	American Journal of Psychology, Worcester, Mass.	18 U.S.
<i>Mass.</i>		
<i>Amer. J. Sci. New Haven</i>	American Journal of Science, New	19 U.S.
<i>Conn.</i>	Haven, Conn.	
<i>Amer. Nat. Lancaster Pa.</i>	The American Naturalist, Lancaster, Pa.	21 U.S.
<i>Amsterdam, Proc. Sci. K.</i>	Proceedings of the Sections of Sciences,	3 Hol.
<i>Akad. Wet.</i>	Koninklijke Akademie van Wetenshappen, Amsterdam 8vo.	
<i>Amsterdam, Tijdschr. K.</i>	Tijdschrift van het Koninklijk Neder-	4 Hol.
<i>Med. Aardr. Gen.</i>	landsch Aardrijkskundig Genootschap, Amsterdam, 8vo.	
<i>Amsterdam, Versl. Wis.</i>	Verslagen der Vergaderingen van de	7 Hol.
<i>Nat. Afd. K. Akad. Wet.</i>	Wis- en Natuurkundige Afdeeling der	
<i>An. Mus. Nac., Buenos</i>	Koninklijke Akademie van Wetenshappen, Amsterdam. 8vo.	
<i>Aires</i>		
<i>Anat. Anz., Jena ...</i>	Anales del Museo Nacional de Buenos	— S. Am.
	Aires.	
	Anatomischer Anzeiger. Centralblatt	40 Ger.
	für die gesammte wissenschaftliche	
	Anatomie, hrsg. v. v. Bardeleben.	
	Jena. [zwangl.] Nebst Ergän-	
	zungsheften.	
<i>Ann. ass. nat. Levallois-</i>	Annales de l'Association des Naturalistes	— Fr.
<i>Perret</i>	de Levallois Perret [Seine].	
<i>Ann. Brit. Sch., Athens ...</i>	Annual of the British School at Athens.	4 U.K.
<i>Ann. géol. minér. Novo-</i>	Ежегодник по геологии и минералогии	— Russ.
<i>Alexandria</i>	России. Ново Александрия [An-	
	nuaire géologique et minéralogique de	
	la Russie. Novo Alexandria].	

<i>Ann. Hist.-Nat. Mus. Nat. Hung., Budapest</i>	Annales Historico-Naturales Musei Nationalis Hungarici, Budapest.	34 Hun.
<i>Ann. Mag. Nat. Hist., London</i>	Annals and Magazine of Natural History, London.	7 U.K.
<i>Ann. paléont., Paris</i> ...	Annales de Paléontologie publiées sous la direction de Marcellin Boule. Paris (Masson). 28 cm.	— Fr.
<i>Ann. sci. nat. (Zool. Bot.), Paris</i>	Annales des sciences naturelles, paraît en deux parties :	77 Fr.
	1 ^o Zoologie et Paléontologie, comprenant l'anatomie, la physiologie, la classification et l'histoire naturelle des animaux, dir. E. Perrier. Paris. [12 numéros par an.]	
	2 ^o Botanique, comprenant l'anatomie, la physiologie, la classification des végétaux, dir. Van Tieghem. Paris. [12 numéros par an.]	
<i>Ann. Univ. Grenoble, Paris</i>	Annales de l'Université de Grenoble, publiées par les Facultés de droit, des sciences et des lettres et par l'école de médecine. Paris. [3 numéros par an.]	81 Fr.
<i>Ann. Univ., Lyon</i>	Annales de l'Université. Lyon (Rhône). [irrégul.]	82 Fr.
<i>Anthr., Paris</i>	Anthropologie (Réunion des Matériaux pour l'histoire de l'homme de la Revue d'anthropologie et de la Revue d'ethnographie, dir. Boule et Verneau. Paris. [bimestr.]	103 Fr.
<i>Arch. Anthr., Braunschweig</i>	Archiv für Anthropologie, hrsg. v. Ranke. Braunschweig. [4 jahrl.]	53 Ger.
<i>Arch Brandenburgia, Berlin</i>	Archiv der Brandenburgia. Berlin. [zwangl.]	58 Ger.
<i>Arch. Muséum hist. nat. Lyon</i>	Archives du Muséum d'histoire naturelle. Lyon (Rhône).	126 Fr.
<i>Arch. Natg., Berlin</i> ...	Archiv für Naturgeschichte, hrsg. v. Hilgendorf. Berlin. [6 H. jährl.]	78 Ger.
<i>Arch. Rassenbiol., Munchen</i>	Archiv für Rassen- und Gesellschaftsbiologie einschliesslich Rassen- und Gesellschaftshygiene, hrsg. v. A. Ploetz. Berlin. [2 monat.]	— Ger.
<i>Ark. Zool., Stockholm</i> ...	Arkiv för zoologi utgivet af K. Svenska Vetenskapsakademien i Stockholm. Svo.	— Swe.
<i>Athenaeum, London</i> ...	The Athenaeum, London	16 U.K.
<i>Atti Congr. nat. ital., Milano</i>	Atti del Congresso dei Naturalisti italiani, Milano.	— It.
<i>Aus d. Heimat, Leipzig</i> ...	Aus der Heimat—for die Heimat. Beiträge zur Naturkunde des Gebietes zwischen Elb- und Wesermündung. Jahrbuch des Vereins für Naturkunde an der Unterweser. Leipzig. [jährl.]	98 Ger.

<i>Aus d. Natur, Stuttgart</i> ...	Aus der Natur, Zeitschrift für alle Naturfreunde, hrsg. v. W. Schœnichen. Stuttgart. [½ monatl.]	— Ger.
<i>Austin, Trans. Texas Acad. Sci.</i>	Transactions of the Texas Academy of Science, Austin.	32 U.S.
<i>Batavia, Nat. Tijdschr.</i> ...	Natuurkuudig Tijdschrift voor Nederlandsch-Indië uitgegeven door de Koninklijke natuirkundige Vereeniging, Batavia. 8vo.	11 Hol.
<i>Belfort, Bul. soc. émul.</i> ...	Bulletin de la société Belfortaine d'émulation. Belfort (Haut-Rhin). [annuel.]	166 Fr.
<i>Berkeley Univ. Cal. Pub. Bull. Dept. Geol.</i>	University of California Publications. Bulletin of the Department of Geology, Berkeley.	40 U.S.
<i>Berlin, Abh. Ak. Wiss.</i> ...	Abhandlungen der kgl. Akademie der Wissenschaften zu Berlin. Berlin. [jährl.]	152 Ger.
<i>Berlin, Ber. D. bot. Ges.</i> ...	Berichte der deutschen botanischen Gesellschaft. Berlin. [monatl.]	164 Ger.
<i>Berlin, Jahrb. geol. Landesanst.</i>	Jahrbuch der kgl. preussischen geologischen Landesanstalt und Bergakademie. Berlin.	171 Ger.
<i>Berlin, Monatsber. D. geol. Ges.</i>	Monatsberichte der deutschen geologischen Gesellschaft. Berlin.	— Ger.
<i>Berlin, SitzBer. Ges. natf. Freunde</i>	Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin. Berlin. [jährl. in zwangl. H.]	183 Ger.
<i>Berlin, Zs. D. geol. Ges.</i> ...	Zeitschrift der deutschen geologischen Gesellschaft. Berlin. [½ jährl.]	199 Ger.
<i>Besançon, Mém. soc. émul.</i> ...	Mémoires de la société d'émulation du Doubs. Besançon (Doubs). [annuel.]	167 Fr.
<i>Béziers, Bul. soc. étud. sci. nat.</i>	Bulletin de la société d'étude des sciences naturelles de Béziers (Hérault). [irrégul.]	171 Fr.
<i>Biol. Bull. Wood's Holl. Mass.</i>	Biological Bulletin of the Marine Biological Laboratory, Wood's Holl, Mass.	535 U.S.
<i>Boll. Naturalista, Siena</i> ...	Bollettino del Naturalista, Siena ...	33 It
<i>Boll. paletn. ital., Parma</i> ...	Bollettino di Paletnologia italiana, Parma.	— It.
<i>Bologna, Mem. Acc. sc.</i> ...	Memorie dell' Accademia delle scienze dell' Istituto, Bologna.	42 It.
<i>Bonn, SitzBer. Ges. Nath.</i> ...	Sitzungsberichte der niederrheinischen Gesellschaft für Natur- und Heilkunde zu Bonn. Bonn.	1295 Ger.
<i>Bonn, Verh. nathist. Ver.</i> ...	Verhandlungen des naturhistorischen Vereins der preussischen Rheinlande, Westfalen u. d. Reg.-Bez. Osnabrück. Nebst Sitzungsberichten der niederrheinischen Gesellschaft für Natur- und Heilkunde zu Bonn. Bonn. [jährl. in je 2 Hälften.]	238 Ger.
<i>Bot. Gaz. Chicago Ill.</i> ...	Botanical Gazette. (University of Chicago), Chicago, Ill.	64 U.S.

<i>Bot. Jahrb., Leipzig</i> ...	Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie, hrsg. v. Engler. Leipzig. [10 H. jährl.]	242 Ger.
<i>Boulder, Univ. Colo. Stud....</i>	The University of Colorado Studies. Boulder, Colo.	572 U.S.
<i>Boulogne-sur-mer, Bul. soc. acad.</i>	Bulletin de la société académique, dir. H. Réveillez. Boulogne-sur-mer (Pas de Calais). [trimestr.]	191 Fr.
<i>Braunschweig, Jahresber. Ver. Natw.</i>	Jahresbericht des Vereins für Naturwissenschaft zu Braunschweig. Braunschweig. [2 jährh.]	250 Ger.
<i>Breslau, Jahresber. Ges. vaterl. Cultur</i>	Jahresbericht der schlesischen Gesellschaft für vaterländische Cultur. Breslau.	258 Ger.
<i>Bristol, Proc. Nat. Soc.</i> ...	Proceedings of the Bristol Naturalists' Society, Bristol.	40 U.K.
<i>Bul. Muséum, Paris</i> ...	Bulletin du Muséum d'Histoire Naturelle. Paris. [8 numéros par an.]	237 Fr.
<i>Caen, Bul. soc. linn.</i> ...	Bulletin de la société linnéenne de Normandie. Caen (Calvados). [trimestr.]	249 Fr.
<i>Caen, Mém. soc. linn.</i> ...	Mémoires de la société linnéenne de Normandie. Caen (Calvados). [irrégul.]	252 Fr.
<i>Cairo, Bul. Inst. Eg.</i> ...	Bulletin de l'institut Egyptien. Le Caire.	— Egypt
<i>Cambridge Mass. Bull. Mus. Comp. Zool. Harvard Coll.</i>	Bulletin of the Museum of Comparative Zoology at Harvard College, Cambridge, Mass.	71 U.S.
<i>Cambridge, Proc. Phil. Soc.</i>	Proceedings of the Cambridge Philosophical Society, Cambridge.	48 U.K.
<i>Cape Town, Ann. S. Africa Mus.</i>	Annals of the South African Museum, Cape Town.	5 S.A.
<i>Cape Town, Trans. S. Afric. Phil. Soc.</i> ...	Transactions of the South African Philosophical Society, Cape Town. [Includes Proceedings.]	7 S.A.
<i>Catania, Atti Acc. Gioenia</i>	Atti dell' Accademia Gioenia di scienze naturali, Catania.	48 It.
<i>Catania, Bull. Acc. Gioenia</i>	Bullettino delle sedute dell' Accademia Gioenia di scienze naturali, Catania.	49 It.
<i>Centralbl. Min., Stuttgart</i> ...	Centralblatt für Mineralogie, Geologie und Paläontologie, hrsg. v. Bauer etc. Stuttgart. 1½ monatl.	285 Ger.
<i>Chicago Ill. Field Columb. Mus. Pub. Geol. Ser.</i>	Field Columbian Museum Publications, Geological Series. Chicago, Ill.	108 U.S.
<i>Croydon, Proc. Trans. Nat. Hist. Sci. Soc.</i>	Proceedings and Transactions of the Croydon Natural History and Scientific Society.	66 U.K.
<i>Danzig, Schr. natf. Ges.</i> ...	Schriften der naturforschenden Gesellschaft in Danzig. Danzig. [zwangl.]	394 Ger.

<i>Darmstadt, Notizbl. Ver. Erdk.</i>	Notizblatt des Vereins für Erdkunde und der grossherzoglichen geologischen Landesanstalt zu Darmstadt, nebst Mittheilungen aus der grossherzoglich hessischen Centralstelle für die Landesstatistik. Darmstadt. [jährl.]	396	Ger.
<i>Dr. Disp., Kjöbenhavn</i> ...	Doktordisputatser	5	Den.
<i>Dresden, SitzBer. Isis</i> ...	Sitzungsberichte und Abhandlungen der naturwissenschaftlichen Gesellschaft Isis in Dresden. Dresden. [jährl.]	415	Ger.
<i>Dublin, Sci. Proc. R. Soc.</i> ...	Scientific Proceedings of the Royal Dublin Society, Dublin.	77	U.K.
<i>Econ. Geol. Lancaster Pa.</i>	Economic Geology. Lancaster. Pa. ...	—	U.S.
<i>Edinburgh, Proc. R. Physie. Soc.</i>	Proceedings of the Royal Physical Society of Edinburgh.	95	U.K.
<i>Edinburgh, Trans. Geol. Soc.</i>	Transactions of the Edinburgh Geological Society, Edinburgh.	103	U.K.
<i>Edinburgh, Trans. R. Soc.</i>	Transactions of the Royal Society of Edinburgh.	109	U.K.
<i>Ekaterinburg, Bull. Soc. Oural. nat.</i>	Записки Уральского Общества любителей естествознания. Екатеринбургъ [Bulletin de la Société Ouralienne des amateurs des sciences naturelles à Catherinebourg].	36	Rus.
<i>Ent. News Philadelphia Pa.</i>	Entomological News and Proceedings of the Entomological Section of the Academy of Natural Sciences of Philadelphia. American Entomological Society, Philadelphia, Pa.	366	U.S.
<i>F. Mosskult. Tidskr., Helsingfors</i>	Finska Mosskulturföreningens Tidskrift. Helsingfors. 8vo.	13	Fin.
<i>Feuille jeunes natural., Paris</i>	Feuille des jeunes naturalistes, dir. Dollfus. Paris. [mensuel.]	337	Fr.
<i>Firenze, Archivio Soc. ital. autrop. etnol.</i>	Archivio della Società italiana di antropologia e di etnologia, Firenze.	61	It.
<i>Földt. Evk., Budapest</i> ...	Földtani Evkonyei, Budapest. [Jahrbuch für Geologie, Budapest.]	20	Hun.
<i>Földt. Közl., Budapest</i> ...	Földtani Közlöny, Budapest. [Geologische Mittheilungen, Budapest.]	7	Hun.
<i>Frankfurt a. M., Abh. Senckenb. Ges.</i>	Abhandlungen hrsg. v. d. Senckenbergischen naturforschenden Gesellschaft. Frankfurt a. M. [3 H. jährl.]	473	Ger.
<i>Frankfurt a. M., Ber. Senckenb. Ges.</i>	Bericht der Senckenbergischen naturforschenden Gesellschaft in Frankfurt a. M. [jährl.]	476	Ger.
<i>Frankfurt a. M., Nachr Bl. D. malakozool. Ges.</i>	Nachrichtsblatt der deutschen malakozoologischen Gesellschaft. Frankfurt a. M. [monatl.]	480	Ger.
<i>Gaea, Leipzig</i>	Gaea. Natur und Leben, hrsg. v. Klein. Leipzig. [monatl.]	492	Ger.
<i>Genova, Atti Soc. ligustica sc. nat. geogr.</i>	Atti della Società ligustica di scienze naturali e geografiche, Genova.	76	It.

<i>Geogr. Jahreshefte, München</i>	Geognostische Jahreshefte, hrsg. v. d. geognostischen Abtheilung des kgl. bayerischen Oberbergamts in München. München. [jährl.]	507 Ger.
<i>Geogr. Zs. Leipzig</i> ...	Geographische Zeitschrift, hrsg. v. Hettner. Leipzig. [monatl.]	512 Ger.
<i>Géographie, Paris</i> ...	Géographie (la), bulletin de la société de géographie, par Hulot et Ch. Rabot. Paris. [mensuel.]	362 Fr.
<i>Geol. Mag., London</i> ...	Geological Magazine, London	134 U.K.
<i>Geol. u. palaeont. Abh., Jena</i>	Geologische und palaeontologische Abhandlungen hrsg. v. E. Kokem. Jena. [zwangl.]	— Ger.
<i>Gera, Jahresber. Ges. Natw.</i>	Jahresbericht der Gesellschaft von Freunden der Naturwissenschaft in Gera. Gera. [mehrjahr.]	515 Ger.
<i>Globus, Braunschweig</i> ...	Globus. Illustrirte Zeitschrift für Länder- und Völkerkunde, hrsg. v. Andree. Braunschweig. [wöch.]	525 Ger.
<i>Glückauf, Eisen</i> ...	Glückauf. Berg- und hüttenmännische Wochenschrift, red. v. Engel etc. Essen. [wöch.]	526 Ger.
<i>Gorn. žurn., St. Peterburg</i> ...	Горный журналъ. С.-Петербургъ [Journal des mines. St.-Pétersbourg].	54 Rus.
<i>Halle, Nova Acta Leop.</i> ...	Nova Acta academiae caesar. Leopoldino-Carolinae naturae curiosorum. Abhandlungen der kaiserl. Leopoldinisch-Carolinischen deutschen Akademie der Naturforscher. Halle. Leipzig. [jährl. in zwangl. H.]	548 Ger.
<i>Hamburg, Verh. natw. Ver.</i>	Verhandlungen des Naturwissenschaftlichen Vereins in Hamburg-Altona. Hamburg. [jährl.]	559 Ger.
<i>Hannover, Jahrb. Prov. Mus.</i>	Jahrbuch des Provinzial Museums zu Hannover. Hannover.	— Ger.
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Zs. <i>prakt. Geol., Berlin</i> ...	Zeitschrift für praktische Geologie, hrsg. v. Krahmann. Berlin. [monatl.]	1228 Ger.
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